Reference tree

CoV-GLUE uses a reference tree to represent the main lineages of the pandemic at the global level.

The lineage definitions are taken from [Rambaut, et al. 2020](https://doi.org/10.1101/2020.04.17.046086).

The CoV-GLUE reference alignment and tree are computed as follows:

* A multiple sequence alignment of the lineage representatives is computed using MAFFT.
* The tree is computed using RAxML, 1000 bootstraps, GTRGAMMA substitution model, using the coding region part of the alignment.
* The rooting is based on an early split in the virus population, characterised by the L/S polymorphism at ORF 8 position 84, lineage A has S, lineage B has L.

No analysis for this replacement

The following pandemic sequences contain ORF 8 replacement L84S

First Previous Next Last

Items per page: 500

 Sort criteria (1) Filters (0)

Sequences 1 to 500 of 3703

| **Virus name** | **GISAID ID** | **Lineage** | **GISAID Clade** | **Location** | **Collection date** |
| --- | --- | --- | --- | --- | --- |
| hCoV-19/Korea/KCDC2047/2020 | EPI\_ISL\_471453 | A | S | Asia / South Korea | 20-FEB-2020 |
| hCoV-19/DRC/04188/2020 | EPI\_ISL\_471413 | A | S | Africa / Democratic Republic of the Congo / Haut-Katanga | 25-APR-2020 |
| hCoV-19/DRC/04187/2020 | EPI\_ISL\_471412 | A | S | Africa / Democratic Republic of the Congo / Haut-Katanga | 25-APR-2020 |
| hCoV-19/DRC/04186/2020 | EPI\_ISL\_471411 | A | S | Africa / Democratic Republic of the Congo / Haut-Katanga | 25-APR-2020 |
| hCoV-19/USA/WI-WSLH-200102/2020 | EPI\_ISL\_471266 | A.1 | S | North America / USA / Wisconsin | 31-MAR-2020 |
| hCoV-19/USA/WI-WSLH-200094/2020 | EPI\_ISL\_471258 | A.3 | S | North America / USA / Wisconsin | 26-MAR-2020 |
| hCoV-19/USA/WI-WSLH-200088/2020 | EPI\_ISL\_471252 | A.1 | S | North America / USA / Wisconsin | 17-MAR-2020 |
| hCoV-19/USA/WI-WSLH-200078/2020 | EPI\_ISL\_471243 | A.1 | S | North America / USA / Wisconsin | 3-APR-2020 |
| hCoV-19/USA/WI-WSLH-200075/2020 | EPI\_ISL\_471240 | A.4 | S | North America / USA / Wisconsin | 3-APR-2020 |
| hCoV-19/USA/WI-WSLH-200062/2020 | EPI\_ISL\_471227 | A.4 | S | North America / USA / Wisconsin | 2-APR-2020 |
| hCoV-19/USA/WI-WSLH-200061/2020 | EPI\_ISL\_471226 | A.3 | S | North America / USA / Wisconsin | 13-APR-2020 |
| hCoV-19/USA/WI-WSLH-200057/2020 | EPI\_ISL\_471222 | A.2 | S | North America / USA / Wisconsin | 21-MAR-2020 |
| hCoV-19/USA/WI-WSLH-200048/2020 | EPI\_ISL\_471213 | A.3 | S | North America / USA / Wisconsin | 22-MAR-2020 |
| hCoV-19/USA/WI-WSLH-200038/2020 | EPI\_ISL\_471203 | A.4 | S | North America / USA / Wisconsin | 27-MAR-2020 |
| hCoV-19/Australia/WA55/2020 | EPI\_ISL\_470872 | A.2 | S | Oceania / Australia / Western Australia | 22-MAR-2020 |
| hCoV-19/Australia/WA52/2020 | EPI\_ISL\_470869 | A.2 | S | Oceania / Australia / Western Australia | 20-MAR-2020 |
| hCoV-19/Australia/WA51/2020 | EPI\_ISL\_470868 | A.2 | S | Oceania / Australia / Western Australia | 20-MAR-2020 |
| hCoV-19/Australia/WA50/2020 | EPI\_ISL\_470867 | A.2 | S | Oceania / Australia / Western Australia | 25-MAR-2020 |
| hCoV-19/Australia/WA48/2020 | EPI\_ISL\_470865 | A.2 | S | Oceania / Australia / Western Australia | 25-MAR-2020 |
| hCoV-19/Australia/WA47/2020 | EPI\_ISL\_470864 | A.2 | S | Oceania / Australia / Western Australia | 24-MAR-2020 |
| hCoV-19/Australia/WA46/2020 | EPI\_ISL\_470863 | A.2 | S | Oceania / Australia / Western Australia | 27-MAR-2020 |
| hCoV-19/Australia/WA39/2020 | EPI\_ISL\_470856 | A.2 | S | Oceania / Australia / Western Australia | 21-MAR-2020 |
| hCoV-19/Australia/WA32/2020 | EPI\_ISL\_470849 | A.2 | S | Oceania / Australia / Western Australia | 26-MAR-2020 |
| hCoV-19/Australia/WA29/2020 | EPI\_ISL\_470846 | A.2 | S | Oceania / Australia / Western Australia | 21-MAR-2020 |
| hCoV-19/Australia/WA28/2020 | EPI\_ISL\_470845 | A.2 | S | Oceania / Australia / Western Australia | 20-MAR-2020 |
| hCoV-19/Australia/WA22/2020 | EPI\_ISL\_470840 | A.2 | S | Oceania / Australia / Western Australia | 24-MAR-2020 |
| hCoV-19/Australia/WA14/2020 | EPI\_ISL\_470832 | A.2 | S | Oceania / Australia / Western Australia | 5-APR-2020 |
| hCoV-19/USA/UT-03872/2020 | EPI\_ISL\_470728 | A.1 | S | North America / USA / Utah | 8-APR-2020 |
| hCoV-19/USA/UT-01846/2020 | EPI\_ISL\_470688 | A.1 | S | North America / USA / Utah | 13-APR-2020 |
| hCoV-19/USA/UT-01837/2020 | EPI\_ISL\_470680 | A.1 | S | North America / USA / Utah | 13-APR-2020 |
| hCoV-19/England/CAMB-803C3/2020 | EPI\_ISL\_470526 | A.5 | S | Europe / United Kingdom / England | 9-APR-2020 |
| hCoV-19/Scotland/GCVR-171F2A/2020 | EPI\_ISL\_470010 | A.2 | S | Europe / United Kingdom / Scotland | 31-MAR-2020 |
| hCoV-19/Scotland/GCVR-1724EE/2020 | EPI\_ISL\_470003 | A.2 | S | Europe / United Kingdom / Scotland | 30-MAR-2020 |
| hCoV-19/Scotland/GCVR-17219C/2020 | EPI\_ISL\_470000 | A.2 | S | Europe / United Kingdom / Scotland | 30-MAR-2020 |
| hCoV-19/Scotland/GCVR-172105/2020 | EPI\_ISL\_469997 | A.2 | S | Europe / United Kingdom / Scotland | 31-MAR-2020 |
| hCoV-19/Scotland/GCVR-1721AB/2020 | EPI\_ISL\_469973 | A.2 | S | Europe / United Kingdom / Scotland | 30-MAR-2020 |
| hCoV-19/Scotland/GCVR-172369/2020 | EPI\_ISL\_469972 | A.2 | S | Europe / United Kingdom / Scotland | 30-MAR-2020 |
| hCoV-19/Scotland/GCVR-171F57/2020 | EPI\_ISL\_469944 | A.5 | S | Europe / United Kingdom / Scotland | 31-MAR-2020 |
| hCoV-19/United Arab Emirates/L6841/2020 | EPI\_ISL\_469280 | A | O | Asia / United Arab Emirates | 27-MAR-2020 |
| hCoV-19/Saudi Arabia/85613/2020 | EPI\_ISL\_469243 | A.p7 or A | S | Asia / Saudi Arabia / Jeddah | 15-MAR-2020 |
| hCoV-19/Canada/BC\_19803546/2020 | EPI\_ISL\_469223 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_19196568/2020 | EPI\_ISL\_469220 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_19133870/2020 | EPI\_ISL\_469218 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_18839283/2020 | EPI\_ISL\_469212 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_18717764/2020 | EPI\_ISL\_469211 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_18604452/2020 | EPI\_ISL\_469210 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_18173416/2020 | EPI\_ISL\_469209 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/USA/CT-Yale-264/2020 | EPI\_ISL\_469190 | A.1 | S | North America / USA / Connecticut / New Haven | 2-APR-2020 |
| hCoV-19/India/GBRC198/2020 | EPI\_ISL\_469043 | A.p7 or A | S | Asia / India / Gujarat / Nadiad | 8-JUN-2020 |
| hCoV-19/Spain/Palma2547/2020 | EPI\_ISL\_469011 | A.2 | S | Europe / Spain / Balear\_Islands / Palma | 25-MAR-2020 |
| hCoV-19/Spain/Palma2515/2020 | EPI\_ISL\_469007 | A.2 | S | Europe / Spain / Balear\_Islands / Palma | 21-MAR-2020 |
| hCoV-19/Spain/Palma2512/2020 | EPI\_ISL\_469001 | A.5 | S | Europe / Spain / Balear\_Islands / Palma | 20-MAR-2020 |
| hCoV-19/Spain/Ibiza2503/2020 | EPI\_ISL\_468996 | A.2 | S | Europe / Spain / Balear\_Islands / Ibiza | 19-MAR-2020 |
| hCoV-19/Spain/Palma2520/2020 | EPI\_ISL\_468991 | A.2 | S | Europe / Spain / Balear\_Islands / Palma | 20-MAR-2020 |
| hCoV-19/Spain/Palma2510/2020 | EPI\_ISL\_468985 | A.2 | S | Europe / Spain / Balear\_Islands / Palma | 18-MAR-2020 |
| hCoV-19/Spain/Palma\_de\_Mallorca\_h2502/2020 | EPI\_ISL\_468982 | A.5 | S | Europe / Spain / Balear\_Islands / Palma\_de\_Mallorca\_h | 15-MAR-2020 |
| hCoV-19/Spain/Palma2513/2020 | EPI\_ISL\_468979 | A.2 | S | Europe / Spain / Balear\_Islands / Palma | 20-MAR-2020 |
| hCoV-19/Spain/Santa\_Maria\_del\_Camino2499/2020 | EPI\_ISL\_468978 | A.2 | S | Europe / Spain / Balear\_Islands / Santa\_Maria\_del\_Camino | 20-MAR-2020 |
| hCoV-19/Spain/Palma2555/2020 | EPI\_ISL\_468973 | A.2 | S | Europe / Spain / Balear\_Islands / Palma | 25-MAR-2020 |
| hCoV-19/Spain/Lluchmayor2504/2020 | EPI\_ISL\_468961 | A.5 | S | Europe / Spain / Balear\_Islands / Lluchmayor | 16-MAR-2020 |
| hCoV-19/Spain/Palma2553/2020 | EPI\_ISL\_468960 | A.5 | S | Europe / Spain / Balear\_Islands / Palma | 25-MAR-2020 |
| hCoV-19/Spain/Palma2556/2020 | EPI\_ISL\_468955 | A.2 | S | Europe / Spain / Balear\_Islands / Palma | 25-MAR-2020 |
| hCoV-19/Spain/Palma\_de\_Mallorca\_h2536/2020 | EPI\_ISL\_468954 | A.5 | S | Europe / Spain / Balear\_Islands / Palma\_de\_Mallorca\_h | 21-MAR-2020 |
| hCoV-19/Spain/Donostia-San\_Sebastian2090/2020 | EPI\_ISL\_468901 | A.2 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 10-APR-2020 |
| hCoV-19/Spain/Donostia-San\_Sebastian2093/2020 | EPI\_ISL\_468888 | A.5 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 11-APR-2020 |
| hCoV-19/Spain/Zaragoza2482/2020 | EPI\_ISL\_468857 | A.2 | S | Europe / Spain / Aragon / Zaragoza | 23-MAR-2020 |
| hCoV-19/Spain/Zaragoza2477/2020 | EPI\_ISL\_468855 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 26-MAR-2020 |
| hCoV-19/Spain/Zaragoza2443/2020 | EPI\_ISL\_468848 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 24-MAR-2020 |
| hCoV-19/Spain/Zaragoza2413/2020 | EPI\_ISL\_468845 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 23-MAR-2020 |
| hCoV-19/Spain/Zaragoza2400/2020 | EPI\_ISL\_468837 | A.2 | S | Europe / Spain / Aragon / Zaragoza | 28-MAR-2020 |
| hCoV-19/Spain/Zaragoza2397/2020 | EPI\_ISL\_468834 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 17-MAR-2020 |
| hCoV-19/Spain/Zaragoza2401/2020 | EPI\_ISL\_468827 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 28-MAR-2020 |
| hCoV-19/Spain/Zaragoza2410/2020 | EPI\_ISL\_468825 | A.2 | S | Europe / Spain / Aragon / Zaragoza | 28-MAR-2020 |
| hCoV-19/Spain/Zaragoza2389/2020 | EPI\_ISL\_468822 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 27-MAR-2020 |
| hCoV-19/Spain/Alcaniz2449/2020 | EPI\_ISL\_468821 | A.2 | S | Europe / Spain / Aragon / Alcaniz | 27-MAR-2020 |
| hCoV-19/Spain/Zaragoza2437/2020 | EPI\_ISL\_468818 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 18-MAR-2020 |
| hCoV-19/Spain/Zaragoza2425/2020 | EPI\_ISL\_468817 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 23-MAR-2020 |
| hCoV-19/Spain/Zaragoza2486/2020 | EPI\_ISL\_468804 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 24-MAR-2020 |
| hCoV-19/Spain/Zaragoza2399/2020 | EPI\_ISL\_468802 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 27-MAR-2020 |
| hCoV-19/Spain/Zaragoza2415/2020 | EPI\_ISL\_468798 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 23-MAR-2020 |
| hCoV-19/Spain/Zaragoza2403/2020 | EPI\_ISL\_468796 | A.2 | S | Europe / Spain / Aragon / Zaragoza | 23-MAR-2020 |
| hCoV-19/Spain/Zaragoza2455/2020 | EPI\_ISL\_468792 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 23-MAR-2020 |
| hCoV-19/Spain/Alcaniz2469/2020 | EPI\_ISL\_468790 | A.5 | S | Europe / Spain / Aragon / Alcaniz | 27-MAR-2020 |
| hCoV-19/Spain/Zaragoza2405/2020 | EPI\_ISL\_468789 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 23-MAR-2020 |
| hCoV-19/Spain/Zaragoza2472/2020 | EPI\_ISL\_468779 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 24-MAR-2020 |
| hCoV-19/Spain/Zaragoza2442/2020 | EPI\_ISL\_468776 | A.2 | S | Europe / Spain / Aragon / Zaragoza | 24-MAR-2020 |
| hCoV-19/Spain/Zaragoza2468/2020 | EPI\_ISL\_468766 | A.5 | S | Europe / Spain / Aragon / Zaragoza | 27-MAR-2020 |
| hCoV-19/Spain/Logrono\_h2285/2020 | EPI\_ISL\_468764 | A.2 | S | Europe / Spain / La\_Rioja / Logrono\_h | 1-MAR-2020 |
| hCoV-19/Spain/Logrono\_h2286/2020 | EPI\_ISL\_468763 | A.2 | S | Europe / Spain / La\_Rioja / Logrono\_h | 2-MAR-2020 |
| hCoV-19/Spain/Logrono\_h2287/2020 | EPI\_ISL\_468762 | A.2 | S | Europe / Spain / La\_Rioja / Logrono\_h | 3-MAR-2020 |
| hCoV-19/Spain/Logrono\_h2361/2020 | EPI\_ISL\_468761 | A.2 | S | Europe / Spain / La\_Rioja / Logrono\_h | 4-APR-2020 |
| hCoV-19/Shanghai/CH-03/2020 | EPI\_ISL\_468726 | A | S | Asia / China / Shanghai | 23-JAN-2020 |
| hCoV-19/Canada/BC\_17906513/2020 | EPI\_ISL\_468693 | A.2 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_17847248/2020 | EPI\_ISL\_468692 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_17607523/2020 | EPI\_ISL\_468689 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_17080413/2020 | EPI\_ISL\_468688 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_16943416/2020 | EPI\_ISL\_468686 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_16917931/2020 | EPI\_ISL\_468685 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_16223737/2020 | EPI\_ISL\_468679 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_15820631/2020 | EPI\_ISL\_468677 | A.2 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_15710616/2020 | EPI\_ISL\_468675 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_15708725/2020 | EPI\_ISL\_468674 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_15682745/2020 | EPI\_ISL\_468673 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_15678040/2020 | EPI\_ISL\_468672 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_15478567/2020 | EPI\_ISL\_468670 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_15474127/2020 | EPI\_ISL\_468669 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_15467213/2020 | EPI\_ISL\_468668 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_15222496/2020 | EPI\_ISL\_468665 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_15222281/2020 | EPI\_ISL\_468664 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/USA/CA-CZB-1675/2020 | EPI\_ISL\_468615 | A.1 | S | North America / USA / California / Contra Costa County | 30-MAR-2020 |
| hCoV-19/USA/WA-QDX-104/2020 | EPI\_ISL\_468590 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/CA-QDX-99/2020 | EPI\_ISL\_468570 | A.1 | S | North America / USA / California | 13-MAR-2020 |
| hCoV-19/USA/CA-QDX-92/2020 | EPI\_ISL\_468567 | A.1 | S | North America / USA / California | 13-MAR-2020 |
| hCoV-19/USA/CA-QDX-84/2020 | EPI\_ISL\_468565 | A.1 | S | North America / USA / California | 13-MAR-2020 |
| hCoV-19/USA/CA-QDX-111/2020 | EPI\_ISL\_468563 | A.3 | S | North America / USA / California | 13-MAR-2020 |
| hCoV-19/USA/CA-CZB-1632/2020 | EPI\_ISL\_468559 | A.1 | S | North America / USA / California / San Joaquin County | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB-1620/2020 | EPI\_ISL\_468549 | A.1 | S | North America / USA / California / San Joaquin County | 21-APR-2020 |
| hCoV-19/USA/CA-CZB-1619/2020 | EPI\_ISL\_468548 | A.1 | S | North America / USA / California / San Joaquin County | 20-APR-2020 |
| hCoV-19/USA/CA-CZB-1617/2020 | EPI\_ISL\_468546 | A.1 | S | North America / USA / California / San Joaquin County | 17-APR-2020 |
| hCoV-19/USA/CA-CZB-1616/2020 | EPI\_ISL\_468545 | A.1 | S | North America / USA / California / San Joaquin County | 16-APR-2020 |
| hCoV-19/USA/CA-CZB-1615/2020 | EPI\_ISL\_468544 | A.1 | S | North America / USA / California / San Joaquin County | 14-APR-2020 |
| hCoV-19/USA/CA-CZB-1614/2020 | EPI\_ISL\_468543 | A.1 | S | North America / USA / California / San Joaquin County | 14-APR-2020 |
| hCoV-19/USA/CA-CZB-1611/2020 | EPI\_ISL\_468540 | A.1 | S | North America / USA / California / San Joaquin County | 9-APR-2020 |
| hCoV-19/USA/CA-CZB-1608/2020 | EPI\_ISL\_468537 | A.1 | S | North America / USA / California / San Joaquin County | 6-APR-2020 |
| hCoV-19/USA/CA-CZB-1607/2020 | EPI\_ISL\_468536 | A.1 | S | North America / USA / California / San Joaquin County | 6-APR-2020 |
| hCoV-19/USA/CA-CZB-1605/2020 | EPI\_ISL\_468534 | A.1 | S | North America / USA / California / San Joaquin County | 4-APR-2020 |
| hCoV-19/USA/CA-CZB-1604/2020 | EPI\_ISL\_468533 | A.1 | S | North America / USA / California / San Joaquin County | 3-APR-2020 |
| hCoV-19/USA/CA-CZB-1603/2020 | EPI\_ISL\_468532 | A.1 | S | North America / USA / California / San Joaquin County | 3-APR-2020 |
| hCoV-19/USA/CA-CZB-1602/2020 | EPI\_ISL\_468531 | A.1 | S | North America / USA / California / San Joaquin County | 1-APR-2020 |
| hCoV-19/USA/CA-CZB-1601/2020 | EPI\_ISL\_468530 | A.1 | S | North America / USA / California / San Joaquin County | 2-APR-2020 |
| hCoV-19/USA/CA-CZB-1599/2020 | EPI\_ISL\_468528 | A.1 | S | North America / USA / California / San Joaquin County | 31-MAR-2020 |
| hCoV-19/USA/CA-CZB-1594/2020 | EPI\_ISL\_468524 | A.1 | S | North America / USA / California / San Joaquin County | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB-1588/2020 | EPI\_ISL\_468518 | A.2 | S | North America / USA / California / San Joaquin County | 24-MAR-2020 |
| hCoV-19/USA/CA-CZB-1587/2020 | EPI\_ISL\_468517 | A.2 | S | North America / USA / California / San Joaquin County | 24-MAR-2020 |
| hCoV-19/USA/CA-CZB-1585/2020 | EPI\_ISL\_468515 | A.1 | S | North America / USA / California / San Joaquin County | 22-MAR-2020 |
| hCoV-19/USA/CA-CZB-1584/2020 | EPI\_ISL\_468514 | A.1 | S | North America / USA / California / San Joaquin County | 22-MAR-2020 |
| hCoV-19/USA/CA-CZB-1582/2020 | EPI\_ISL\_468512 | A.1 | S | North America / USA / California / San Joaquin County | 21-MAR-2020 |
| hCoV-19/USA/CA-CZB-1581/2020 | EPI\_ISL\_468511 | A.1 | S | North America / USA / California / San Joaquin County | 21-MAR-2020 |
| hCoV-19/USA/CA-CZB-1578/2020 | EPI\_ISL\_468509 | A.1 | S | North America / USA / California / San Joaquin County | 18-MAR-2020 |
| hCoV-19/USA/CA-CZB-1577/2020 | EPI\_ISL\_468508 | A.1 | S | North America / USA / California / San Joaquin County | 14-MAR-2020 |
| hCoV-19/USA/CA-CZB-1576/2020 | EPI\_ISL\_468507 | A.1 | S | North America / USA / California / San Joaquin County | 13-MAR-2020 |
| hCoV-19/USA/CA-CZB-1575/2020 | EPI\_ISL\_468506 | A.1 | S | North America / USA / California / San Joaquin County | 11-MAR-2020 |
| hCoV-19/USA/CA-CZB-1555/2020 | EPI\_ISL\_468495 | A.1 | S | North America / USA / California / Ventura County | 18-MAR-2020 |
| hCoV-19/USA/CA-CZB-1513/2020 | EPI\_ISL\_468460 | A.3 | S | North America / USA / California / Humboldt County | 13-APR-2020 |
| hCoV-19/USA/CA-CZB-1508/2020 | EPI\_ISL\_468455 | A.3 | S | North America / USA / California / Humboldt County | 1-APR-2020 |
| hCoV-19/USA/CA-CZB-1497/2020 | EPI\_ISL\_468446 | A.1 | S | North America / USA / California / Humboldt County | 27-MAR-2020 |
| hCoV-19/USA/CA-CZB-1437/2020 | EPI\_ISL\_468407 | B | O | North America / USA / California / San Luis Obispo County | 26-MAR-2020 |
| hCoV-19/USA/CA-CZB-1430/2020 | EPI\_ISL\_468400 | A.1 | S | North America / USA / California / San Luis Obispo County | 23-MAR-2020 |
| hCoV-19/USA/CA-CZB-1391/2020 | EPI\_ISL\_468376 | A.1 | S | North America / USA / California / Alameda County | 18-APR-2020 |
| hCoV-19/USA/CA-CZB-1360/2020 | EPI\_ISL\_468372 | A.1 | S | North America / USA / California / Alameda County | 12-APR-2020 |
| hCoV-19/USA/CA-CZB-1356/2020 | EPI\_ISL\_468370 | A.1 | S | North America / USA / California / Alameda County | 12-APR-2020 |
| hCoV-19/USA/CA-CZB-1353/2020 | EPI\_ISL\_468367 | A.1 | S | North America / USA / California / Alameda County | 11-APR-2020 |
| hCoV-19/USA/CA-CZB-1352/2020 | EPI\_ISL\_468366 | A.1 | S | North America / USA / California / Alameda County | 11-APR-2020 |
| hCoV-19/USA/CA-CZB-1334/2020 | EPI\_ISL\_468359 | A.1 | S | North America / USA / California / Alameda County | 1-APR-2020 |
| hCoV-19/USA/CA-CZB-1330/2020 | EPI\_ISL\_468358 | A.1 | S | North America / USA / California / Alameda County | 2-APR-2020 |
| hCoV-19/Spain/ACoruna\_007/2020 | EPI\_ISL\_468337 | A.2 | S | Europe / Spain / Galicia / A Coruna | 29-APR-2020 |
| hCoV-19/Pakistan/NIH-HAS001/2020 | EPI\_ISL\_468163 | A | S | Asia / Pakistan / Islamabad | 2-JUN-2020 |
| hCoV-19/Pakistan/NIH-44905/2020 | EPI\_ISL\_468159 | A | S | Asia / Pakistan / Islamabad | 2-JUN-2020 |
| hCoV-19/USA/OR-OHSU-0188/2020 | EPI\_ISL\_468129 | A.1 | S | North America / USA / Oregon / Marion County | 13-MAY-2020 |
| hCoV-19/USA/OR-OHSU-0049/2020 | EPI\_ISL\_468086 | A.1 | S | North America / USA / Oregon / Washington County | 16-APR-2020 |
| hCoV-19/Australia/VIC1358/2020 | EPI\_ISL\_468067 | A.1 | S | Oceania / Australia / Victoria | 22-MAR-2020 |
| hCoV-19/USA/KY-9E09/2020 | EPI\_ISL\_468065 | A.1 | S | North America / USA / Kentucky | 18-MAR-2020 |
| hCoV-19/USA/KY-9A10/2020 | EPI\_ISL\_468064 | A.1 | S | North America / USA / Kentucky | 18-MAR-2020 |
| hCoV-19/Egypt/CUNCI-HGC028/2020 | EPI\_ISL\_468062 | SARS-CoV-2 or A | O | Africa / Egypt | 2-MAY-2020 |
| hCoV-19/Australia/SAP270/2020 | EPI\_ISL\_468042 | A.2 | S | Oceania / Australia / South Australia | 25-MAR-2020 |
| hCoV-19/Australia/SAP293/2020 | EPI\_ISL\_468034 | A.2 | S | Oceania / Australia / South Australia | 25-MAR-2020 |
| hCoV-19/Australia/SAP237/2020 | EPI\_ISL\_468033 | A.2 | S | Oceania / Australia / South Australia | 25-MAR-2020 |
| hCoV-19/Australia/SAP294/2020 | EPI\_ISL\_468030 | A.2 | S | Oceania / Australia / South Australia | 25-MAR-2020 |
| hCoV-19/Australia/SAP253/2020 | EPI\_ISL\_468027 | A.2 | S | Oceania / Australia / South Australia | 7-APR-2020 |
| hCoV-19/Australia/SAP263/2020 | EPI\_ISL\_468022 | A | S | Oceania / Australia / South Australia | 25-MAR-2020 |
| hCoV-19/Australia/SAP269/2020 | EPI\_ISL\_468018 | A.2 | S | Oceania / Australia / South Australia | 25-MAR-2020 |
| hCoV-19/Australia/SAP243/2020 | EPI\_ISL\_468015 | A.1 | S | Oceania / Australia / South Australia | 25-MAR-2020 |
| hCoV-19/Australia/SAP022/2020 | EPI\_ISL\_468011 | A.2 | S | Oceania / Australia / South Australia | 3-APR-2020 |
| hCoV-19/Australia/SAP229/2020 | EPI\_ISL\_468008 | A.2 | S | Oceania / Australia / South Australia | 30-MAR-2020 |
| hCoV-19/Australia/SAP302/2020 | EPI\_ISL\_468006 | A.2 | S | Oceania / Australia / South Australia | 31-MAR-2020 |
| hCoV-19/Australia/SAP216/2020 | EPI\_ISL\_468000 | A.3 | S | Oceania / Australia / South Australia | 15-MAR-2020 |
| hCoV-19/Australia/SAP286/2020 | EPI\_ISL\_467998 | A.2 | S | Oceania / Australia / South Australia | 6-APR-2020 |
| hCoV-19/Australia/SAP248/2020 | EPI\_ISL\_467992 | A.1 | S | Oceania / Australia / South Australia | 20-MAR-2020 |
| hCoV-19/Australia/SAP170/2020 | EPI\_ISL\_467985 | A.3 | S | Oceania / Australia / South Australia | 13-MAR-2020 |
| hCoV-19/USA/CA-SR0460/2020 | EPI\_ISL\_467982 | A.1 | S | North America / USA / California / San Diego | 8-MAR-2020 |
| hCoV-19/USA/CA-SR0455/2020 | EPI\_ISL\_467978 | A.1 | S | North America / USA / California / San Diego | 16-MAR-2020 |
| hCoV-19/USA/CA-SR0449/2020 | EPI\_ISL\_467973 | A.1 | S | North America / USA / California / San Diego | 10-MAR-2020 |
| hCoV-19/USA/CA-SR0445/2020 | EPI\_ISL\_467970 | A.1 | S | North America / USA / California / San Diego | 21-MAR-2020 |
| hCoV-19/USA/CA-SR0443/2020 | EPI\_ISL\_467968 | A.1 | S | North America / USA / California / San Diego | 12-MAR-2020 |
| hCoV-19/USA/CA-SR0436/2020 | EPI\_ISL\_467964 | A.1 | S | North America / USA / California / San Diego | 12-MAR-2020 |
| hCoV-19/USA/CA-SR0428/2020 | EPI\_ISL\_467958 | A.1 | S | North America / USA / California / San Diego | 10-MAR-2020 |
| hCoV-19/USA/CA-SR0425/2020 | EPI\_ISL\_467956 | A.5 | S | North America / USA / California / San Diego | 26-MAR-2020 |
| hCoV-19/USA/CA-SR0421/2020 | EPI\_ISL\_467954 | A.1 | S | North America / USA / California / San Diego | 10-MAR-2020 |
| hCoV-19/USA/CA-SR0416/2020 | EPI\_ISL\_467951 | A.1 | S | North America / USA / California / San Diego | 10-MAR-2020 |
| hCoV-19/USA/CA-SR0415/2020 | EPI\_ISL\_467950 | A.1 | S | North America / USA / California / San Diego | 8-MAR-2020 |
| hCoV-19/USA/WA-QDX-62/2020 | EPI\_ISL\_467927 | A | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/UT-QDX-63/2020 | EPI\_ISL\_467921 | A.3 | S | North America / USA / Utah | 13-MAR-2020 |
| hCoV-19/USA/UT-QDX-57/2020 | EPI\_ISL\_467920 | A.3 | S | North America / USA / Utah | 12-MAR-2020 |
| hCoV-19/USA/UT-QDX-49/2020 | EPI\_ISL\_467919 | A.3 | S | North America / USA / Utah | 13-MAR-2020 |
| hCoV-19/USA/UT-QDX-20/2020 | EPI\_ISL\_467917 | A.1 | S | North America / USA / Utah | 12-MAR-2020 |
| hCoV-19/USA/UT-QDX-120/2020 | EPI\_ISL\_467911 | A.1 | S | North America / USA / Utah | 13-MAR-2020 |
| hCoV-19/USA/UT-QDX-119/2020 | EPI\_ISL\_467910 | A.3 | S | North America / USA / Utah | 13-MAR-2020 |
| hCoV-19/USA/UT-QDX-118/2020 | EPI\_ISL\_467909 | A.1 | S | North America / USA / Utah | 13-MAR-2020 |
| hCoV-19/USA/PA-QDX-30/2020 | EPI\_ISL\_467904 | A.1 | S | North America / USA / Pennsylvania | 13-MAR-2020 |
| hCoV-19/USA/NY-QDX-81/2020 | EPI\_ISL\_467903 | A.1 | S | North America / USA / New York | 15-MAR-2020 |
| hCoV-19/USA/NY-QDX-19/2020 | EPI\_ISL\_467897 | A.3 | S | North America / USA / New York | 16-MAR-2020 |
| hCoV-19/USA/NY-QDX-139/2020 | EPI\_ISL\_467891 | A.1 | S | North America / USA / New York | 16-MAR-2020 |
| hCoV-19/USA/NY-QDX-137/2020 | EPI\_ISL\_467890 | A.1 | S | North America / USA / New York | 16-MAR-2020 |
| hCoV-19/USA/MI-QDX-58/2020 | EPI\_ISL\_467871 | A.3 | S | North America / USA / Michigan | 15-MAR-2020 |
| hCoV-19/USA/MA-QDX-61/2020 | EPI\_ISL\_467862 | A.3 | S | North America / USA / Massachusetts | 14-MAR-2020 |
| hCoV-19/USA/MA-QDX-150/2020 | EPI\_ISL\_467855 | A.3 | S | North America / USA / Massachusetts | 14-MAR-2020 |
| hCoV-19/USA/MA-QDX-114/2020 | EPI\_ISL\_467850 | A.1 | S | North America / USA / Massachusetts | 14-MAR-2020 |
| hCoV-19/USA/GA-QDX-53/2020 | EPI\_ISL\_467849 | A.3 | S | North America / USA / Georgia | 13-MAR-2020 |
| hCoV-19/USA/GA-QDX-152/2020 | EPI\_ISL\_467848 | A.3 | S | North America / USA / Georgia | 13-MAR-2020 |
| hCoV-19/USA/GA-QDX-122/2020 | EPI\_ISL\_467847 | A.3 | S | North America / USA / Georgia | 13-MAR-2020 |
| hCoV-19/USA/GA-QDX-116/2020 | EPI\_ISL\_467846 | A.3 | S | North America / USA / Georgia | 13-MAR-2020 |
| hCoV-19/USA/GA-QDX-115/2020 | EPI\_ISL\_467845 | A.3 | S | North America / USA / Georgia | 13-MAR-2020 |
| hCoV-19/USA/CA-QDX-79/2020 | EPI\_ISL\_467843 | A.1 | S | North America / USA / California | 15-MAR-2020 |
| hCoV-19/USA/CA-QDX-78/2020 | EPI\_ISL\_467842 | A.1 | S | North America / USA / California | 16-MAR-2020 |
| hCoV-19/USA/CA-QDX-73/2020 | EPI\_ISL\_467840 | A.1 | S | North America / USA / California | 16-MAR-2020 |
| hCoV-19/USA/CA-QDX-48/2020 | EPI\_ISL\_467836 | A.1 | S | North America / USA / California | 15-MAR-2020 |
| hCoV-19/USA/CA-QDX-45/2020 | EPI\_ISL\_467834 | A.1 | S | North America / USA / California | 15-MAR-2020 |
| hCoV-19/USA/CA-QDX-40/2020 | EPI\_ISL\_467831 | A.1 | S | North America / USA / California | 16-MAR-2020 |
| hCoV-19/USA/CA-QDX-36/2020 | EPI\_ISL\_467829 | A.1 | S | North America / USA / California | 15-MAR-2020 |
| hCoV-19/USA/CA-QDX-155/2020 | EPI\_ISL\_467817 | A.1 | S | North America / USA / California | 16-MAR-2020 |
| hCoV-19/USA/CA-QDX-154/2020 | EPI\_ISL\_467816 | A.1 | S | North America / USA / California | 16-MAR-2020 |
| hCoV-19/USA/CA-QDX-148/2020 | EPI\_ISL\_467814 | A.3 | S | North America / USA / California | 16-MAR-2020 |
| hCoV-19/USA/NM-UNM-00132/2020 | EPI\_ISL\_467650 | A.1 | S | North America / USA / New Mexico | 2-APR-2020 |
| hCoV-19/USA/NM-UNM-00119/2020 | EPI\_ISL\_467646 | A.1 | S | North America / USA / New Mexico | 2-APR-2020 |
| hCoV-19/USA/NM-UNM-00046/2020 | EPI\_ISL\_467627 | A.1.1 | S | North America / USA / New Mexico | 20-MAR-2020 |
| hCoV-19/USA/NM-UNM-00043/2020 | EPI\_ISL\_467624 | A.1 | S | North America / USA / New Mexico | 18-MAR-2020 |
| hCoV-19/USA/NM-UNM-00042/2020 | EPI\_ISL\_467623 | A.1 | S | North America / USA / New Mexico | 18-MAR-2020 |
| hCoV-19/USA/NM-UNM-00014/2020 | EPI\_ISL\_467596 | A.1 | S | North America / USA / New Mexico | 14-MAR-2020 |
| hCoV-19/USA/NM-UNM-00125/2020 | EPI\_ISL\_467558 | SARS-CoV-2 or A | O | North America / USA / New Mexico | 2-APR-2020 |
| hCoV-19/Canada/BC\_14592943/2020 | EPI\_ISL\_467429 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_14592296/2020 | EPI\_ISL\_467428 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_14282914/2020 | EPI\_ISL\_467427 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_13949840/2020 | EPI\_ISL\_467425 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/USA/NY-NYUMC894/2020 | EPI\_ISL\_467387 | A.3 | S | North America / USA / New York / Brooklyn | 30-APR-2020 |
| hCoV-19/Canada/BC\_13675191/2020 | EPI\_ISL\_467343 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_13662361/2020 | EPI\_ISL\_467342 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_13088259/2020 | EPI\_ISL\_467340 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_12246693/2020 | EPI\_ISL\_467333 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_11184415/2020 | EPI\_ISL\_467320 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_10589793/2020 | EPI\_ISL\_467314 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_09671877/2020 | EPI\_ISL\_467308 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_09585059/2020 | EPI\_ISL\_467307 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Spain/COV002722/2020 | EPI\_ISL\_467287 | A.2 | S | Europe / Spain / Galicia / Oroso | 7-APR-2020 |
| hCoV-19/Spain/COV002758/2020 | EPI\_ISL\_467270 | A.2 | S | Europe / Spain / Galicia / Santiago\_de\_Compostela | 7-APR-2020 |
| hCoV-19/Spain/COV003672/2020 | EPI\_ISL\_467253 | A.2 | S | Europe / Spain / Madrid / Madrid | 1-APR-2020 |
| hCoV-19/Spain/COV003690/2020 | EPI\_ISL\_467251 | A.2 | S | Europe / Spain / Madrid / Madrid | 2-APR-2020 |
| hCoV-19/Spain/COV003691/2020 | EPI\_ISL\_467249 | A.5 | S | Europe / Spain / Madrid / Madrid | 2-APR-2020 |
| hCoV-19/Spain/COV003654/2020 | EPI\_ISL\_467247 | A.2 | S | Europe / Spain / Madrid / Madrid | 1-APR-2020 |
| hCoV-19/Spain/COV003725/2020 | EPI\_ISL\_467246 | A.2 | S | Europe / Spain / Madrid / Madrid | 10-MAY-2020 |
| hCoV-19/Spain/COV003661/2020 | EPI\_ISL\_467245 | A.5 | S | Europe / Spain / Madrid / Madrid | 1-APR-2020 |
| hCoV-19/Spain/COV003652/2020 | EPI\_ISL\_467244 | A.2 | S | Europe / Spain / Madrid / Madrid | 1-APR-2020 |
| hCoV-19/Spain/COV003695/2020 | EPI\_ISL\_467243 | A.5 | S | Europe / Spain / Madrid / Madrid | 2-APR-2020 |
| hCoV-19/Spain/COV003699/2020 | EPI\_ISL\_467231 | A.5 | S | Europe / Spain / Madrid / Madrid | 2-APR-2020 |
| hCoV-19/Spain/COV003694/2020 | EPI\_ISL\_467229 | A.5 | S | Europe / Spain / Madrid / Madrid | 2-APR-2020 |
| hCoV-19/Spain/COV003707/2020 | EPI\_ISL\_467227 | A.5 | S | Europe / Spain / Madrid / Rivas-Vaciamadrid | 2-APR-2020 |
| hCoV-19/Spain/COV003681/2020 | EPI\_ISL\_467219 | A.5 | S | Europe / Spain / Madrid / Madrid | 2-APR-2020 |
| hCoV-19/Spain/COV003713/2020 | EPI\_ISL\_467212 | A.2 | S | Europe / Spain / Madrid / Madrid | 3-APR-2020 |
| hCoV-19/Spain/COV003688/2020 | EPI\_ISL\_467210 | A.2 | S | Europe / Spain / Madrid / Madrid | 2-APR-2020 |
| hCoV-19/Spain/COV003644/2020 | EPI\_ISL\_467205 | A.5 | S | Europe / Spain / Madrid / Madrid | 1-APR-2020 |
| hCoV-19/Spain/COV003711/2020 | EPI\_ISL\_467202 | A.5 | S | Europe / Spain / Madrid / Madrid | 2-APR-2020 |
| hCoV-19/Spain/COV003671/2020 | EPI\_ISL\_467201 | A.2 | S | Europe / Spain / Madrid / Campo\_Real | 1-APR-2020 |
| hCoV-19/Spain/COV003684/2020 | EPI\_ISL\_467200 | A.2 | S | Europe / Spain / Madrid / Madrid | 2-APR-2020 |
| hCoV-19/Spain/COV003685/2020 | EPI\_ISL\_467198 | A.5 | S | Europe / Spain / Madrid / Madrid | 2-APR-2020 |
| hCoV-19/Spain/COV003724/2020 | EPI\_ISL\_467195 | A.2 | S | Europe / Spain / Madrid / Madrid | 10-MAY-2020 |
| hCoV-19/Spain/COV003719/2020 | EPI\_ISL\_467194 | A.5 | S | Europe / Spain / Madrid / Madrid | 3-APR-2020 |
| hCoV-19/Spain/COV003667/2020 | EPI\_ISL\_467193 | A.5 | S | Europe / Spain / Madrid / Madrid | 1-APR-2020 |
| hCoV-19/Spain/COV001548/2020 | EPI\_ISL\_467183 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 16-MAR-2020 |
| hCoV-19/Spain/COV001544/2020 | EPI\_ISL\_467182 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 16-MAR-2020 |
| hCoV-19/Spain/COV001526/2020 | EPI\_ISL\_467181 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 18-MAR-2020 |
| hCoV-19/Spain/COV001574/2020 | EPI\_ISL\_467180 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 14-MAR-2020 |
| hCoV-19/Spain/COV001482/2020 | EPI\_ISL\_467178 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 18-MAR-2020 |
| hCoV-19/Spain/COV001440/2020 | EPI\_ISL\_467177 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 19-MAR-2020 |
| hCoV-19/Spain/COV001619/2020 | EPI\_ISL\_467176 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 18-MAR-2020 |
| hCoV-19/Spain/COV001604/2020 | EPI\_ISL\_467175 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 13-MAR-2020 |
| hCoV-19/Spain/COV001539/2020 | EPI\_ISL\_467174 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 16-MAR-2020 |
| hCoV-19/Spain/COV001437/2020 | EPI\_ISL\_467173 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001558/2020 | EPI\_ISL\_467172 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001578/2020 | EPI\_ISL\_467171 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 13-MAR-2020 |
| hCoV-19/Spain/COV001505/2020 | EPI\_ISL\_467170 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001621/2020 | EPI\_ISL\_467169 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 18-MAR-2020 |
| hCoV-19/Spain/COV001616/2020 | EPI\_ISL\_467168 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 18-MAR-2020 |
| hCoV-19/Spain/COV001484/2020 | EPI\_ISL\_467166 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001606/2020 | EPI\_ISL\_467165 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001605/2020 | EPI\_ISL\_467164 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001485/2020 | EPI\_ISL\_467162 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 19-MAR-2020 |
| hCoV-19/Spain/COV001608/2020 | EPI\_ISL\_467161 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 1-MAR-2020 |
| hCoV-19/Spain/COV001598/2020 | EPI\_ISL\_467160 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 13-MAR-2020 |
| hCoV-19/Spain/COV001528/2020 | EPI\_ISL\_467159 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 13-MAR-2020 |
| hCoV-19/Spain/COV001610/2020 | EPI\_ISL\_467158 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001577/2020 | EPI\_ISL\_467156 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 13-MAR-2020 |
| hCoV-19/Spain/COV001470/2020 | EPI\_ISL\_467155 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001452/2020 | EPI\_ISL\_467154 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001612/2020 | EPI\_ISL\_467153 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001499/2020 | EPI\_ISL\_467150 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 19-MAR-2020 |
| hCoV-19/Spain/COV001628/2020 | EPI\_ISL\_467149 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 18-MAR-2020 |
| hCoV-19/Spain/COV001576/2020 | EPI\_ISL\_467147 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 14-MAR-2020 |
| hCoV-19/Spain/COV001459/2020 | EPI\_ISL\_467146 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 19-MAR-2020 |
| hCoV-19/Spain/COV001535/2020 | EPI\_ISL\_467144 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 16-MAR-2020 |
| hCoV-19/Spain/COV001435/2020 | EPI\_ISL\_467143 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 18-MAR-2020 |
| hCoV-19/Spain/COV001594/2020 | EPI\_ISL\_467142 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 13-MAR-2020 |
| hCoV-19/Spain/COV001570/2020 | EPI\_ISL\_467141 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 13-MAR-2020 |
| hCoV-19/Spain/COV001536/2020 | EPI\_ISL\_467140 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 16-MAR-2020 |
| hCoV-19/Spain/COV001603/2020 | EPI\_ISL\_467139 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001450/2020 | EPI\_ISL\_467137 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 18-MAR-2020 |
| hCoV-19/Spain/COV001585/2020 | EPI\_ISL\_467136 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 13-MAR-2020 |
| hCoV-19/Spain/COV001524/2020 | EPI\_ISL\_467135 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 19-MAR-2020 |
| hCoV-19/Spain/COV001611/2020 | EPI\_ISL\_467134 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001521/2020 | EPI\_ISL\_467133 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 18-MAR-2020 |
| hCoV-19/Spain/COV001600/2020 | EPI\_ISL\_467132 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001546/2020 | EPI\_ISL\_467131 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 16-MAR-2020 |
| hCoV-19/Spain/COV001436/2020 | EPI\_ISL\_467130 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001588/2020 | EPI\_ISL\_467129 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001465/2020 | EPI\_ISL\_467127 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001601/2020 | EPI\_ISL\_467126 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001530/2020 | EPI\_ISL\_467125 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 18-MAR-2020 |
| hCoV-19/Spain/COV001512/2020 | EPI\_ISL\_467122 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001568/2020 | EPI\_ISL\_467121 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 13-MAR-2020 |
| hCoV-19/Spain/COV001540/2020 | EPI\_ISL\_467120 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 18-MAR-2020 |
| hCoV-19/Spain/COV001473/2020 | EPI\_ISL\_467118 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 18-MAR-2020 |
| hCoV-19/Spain/COV001468/2020 | EPI\_ISL\_467117 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001560/2020 | EPI\_ISL\_467116 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001443/2020 | EPI\_ISL\_467115 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001553/2020 | EPI\_ISL\_467114 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001566/2020 | EPI\_ISL\_467113 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001504/2020 | EPI\_ISL\_467112 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 19-MAR-2020 |
| hCoV-19/Spain/COV001556/2020 | EPI\_ISL\_467111 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 16-MAR-2020 |
| hCoV-19/Spain/COV001547/2020 | EPI\_ISL\_467110 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 16-MAR-2020 |
| hCoV-19/Spain/COV001534/2020 | EPI\_ISL\_467109 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 16-MAR-2020 |
| hCoV-19/Spain/COV001438/2020 | EPI\_ISL\_467108 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001559/2020 | EPI\_ISL\_467107 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001522/2020 | EPI\_ISL\_467106 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001575/2020 | EPI\_ISL\_467105 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 13-MAR-2020 |
| hCoV-19/Spain/COV001583/2020 | EPI\_ISL\_467104 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 14-MAR-2020 |
| hCoV-19/Spain/COV001587/2020 | EPI\_ISL\_467103 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001467/2020 | EPI\_ISL\_467101 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001520/2020 | EPI\_ISL\_467100 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 19-MAR-2020 |
| hCoV-19/Spain/COV001533/2020 | EPI\_ISL\_467099 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 16-MAR-2020 |
| hCoV-19/Spain/COV001545/2020 | EPI\_ISL\_467098 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 16-MAR-2020 |
| hCoV-19/Spain/COV001531/2020 | EPI\_ISL\_467097 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001431/2020 | EPI\_ISL\_467096 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 19-MAR-2020 |
| hCoV-19/Spain/COV001434/2020 | EPI\_ISL\_467095 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001514/2020 | EPI\_ISL\_467093 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 19-MAR-2020 |
| hCoV-19/Spain/COV001464/2020 | EPI\_ISL\_467092 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 17-MAR-2020 |
| hCoV-19/Spain/COV001899/2020 | EPI\_ISL\_467076 | A.2 | S | Europe / Spain / Andalusia / Chiclana | 15-MAR-2020 |
| hCoV-19/Spain/COV001897/2020 | EPI\_ISL\_467071 | A.5 | S | Europe / Spain / Andalusia / Algeciras | 15-MAR-2020 |
| hCoV-19/Spain/COV001912/2020 | EPI\_ISL\_467068 | A.5 | S | Europe / Spain / Andalusia / San\_Fernando | 16-MAR-2020 |
| hCoV-19/Spain/COV002987/2020 | EPI\_ISL\_467063 | A.2 | S | Europe / Spain / Andalusia / Valderrubio | 1-APR-2020 |
| hCoV-19/Spain/COV002857/2020 | EPI\_ISL\_467060 | A.2 | S | Europe / Spain / Andalusia / Almeria | 13-MAR-2020 |
| hCoV-19/Spain/COV002493/2020 | EPI\_ISL\_467057 | A.2 | S | Europe / Spain / Balear\_Islands / Palma | 14-MAR-2020 |
| hCoV-19/Germany/BAV-MVP0225/2020 | EPI\_ISL\_466895 | A.p7 or A | S | Europe / Germany / Bavaria / Munich | 23-APR-2020 |
| hCoV-19/Canada/BC\_08851080/2020 | EPI\_ISL\_466837 | A.2 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_06370010/2020 | EPI\_ISL\_466799 | A.2 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_06364232/2020 | EPI\_ISL\_466798 | A.2 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_06238282/2020 | EPI\_ISL\_466797 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_05845391/2020 | EPI\_ISL\_466791 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_04033837/2020 | EPI\_ISL\_466762 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_04013424/2020 | EPI\_ISL\_466760 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_02246883/2020 | EPI\_ISL\_466720 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_02091552/2020 | EPI\_ISL\_466716 | A.3 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_02051350/2020 | EPI\_ISL\_466713 | A.2 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_01296812/2020 | EPI\_ISL\_466708 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_01294861/2020 | EPI\_ISL\_466707 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_01210684/2020 | EPI\_ISL\_466703 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/Canada/BC\_00714140/2020 | EPI\_ISL\_466701 | A.1 | S | North America / Canada / British Columbia | APR-2020 |
| hCoV-19/England/20162037504/2020 | EPI\_ISL\_466415 | A.2 | S | Europe / United Kingdom / England | 9-APR-2020 |
| hCoV-19/England/20150031504/2020 | EPI\_ISL\_466221 | A.2 | S | Europe / United Kingdom / England | 3-APR-2020 |
| hCoV-19/England/20149051704/2020 | EPI\_ISL\_466205 | A.1 | S | Europe / United Kingdom / England | 2-APR-2020 |
| hCoV-19/England/20149000404/2020 | EPI\_ISL\_466079 | A.1 | S | Europe / United Kingdom / England | 2-APR-2020 |
| hCoV-19/England/20149000304/2020 | EPI\_ISL\_466078 | A.1 | S | Europe / United Kingdom / England | 4-APR-2020 |
| hCoV-19/England/20146015604/2020 | EPI\_ISL\_466032 | A.2 | S | Europe / United Kingdom / England | 31-MAR-2020 |
| hCoV-19/Canada/Qc-L00240796/2020 | EPI\_ISL\_465686 | A.3 | S | North America / Canada / Quebec | 27-MAR-2020 |
| hCoV-19/England/20119037304/2020 | EPI\_ISL\_465052 | A.5 | S | Europe / United Kingdom / England | 12-MAR-2020 |
| hCoV-19/England/201141169/2020 | EPI\_ISL\_464744 | A.5 | S | Europe / United Kingdom / England | 9-MAR-2020 |
| hCoV-19/USA/VI-CDC-3638/2020 | EPI\_ISL\_464167 | A.3 | S | North America / USA / Virgin Islands | 19-MAR-2020 |
| hCoV-19/Taiwan/CGMH-CGU-29/2020 | EPI\_ISL\_464093 | A.3 | S | Asia / Taiwan / Taoyuan | 2-APR-2020 |
| hCoV-19/Canada/ON-UHTC\_0049/2020 | EPI\_ISL\_464013 | A.1 | S | North America / Canada / Ontario | 5-APR-2020 |
| hCoV-19/Canada/ON\_MU-S7/2020 | EPI\_ISL\_463993 | A.3 | S | North America / Canada / Toronto | 13-MAR-2020 |
| hCoV-19/Shaoxing/09/2020 | EPI\_ISL\_463901 | A | S | Asia / China / Zhejiang / Shangyu | 5-FEB-2020 |
| hCoV-19/Shaoxing/04/2020 | EPI\_ISL\_463896 | A | S | Asia / China / Zhejiang / Keqiao | 31-JAN-2020 |
| hCoV-19/Shaoxing/03/2020 | EPI\_ISL\_463895 | A | S | Asia / China / Zhejiang / Keqiao | 30-JAN-2020 |
| hCoV-19/Shaoxing/02/2020 | EPI\_ISL\_463894 | A | S | Asia / China / Zhejiang / Keqiao | 30-JAN-2020 |
| hCoV-19/Shaoxing/01/2020 | EPI\_ISL\_463889 | A | S | Asia / China / Zhejiang / Shaoxing / Keqiao | 27-JAN-2020 |
| hCoV-19/United Arab Emirates/P1/2020 | EPI\_ISL\_463740 | A.3 | S | Asia / United Arab Emirates | 30-MAR-2020 |
| hCoV-19/USA/WA-S1202/2020 | EPI\_ISL\_463692 | A.1 | S | North America / USA / Washington / Yakima County | 7-MAY-2020 |
| hCoV-19/USA/WA-S1197/2020 | EPI\_ISL\_463687 | A.1 | S | North America / USA / Washington / Yakima County | 6-MAY-2020 |
| hCoV-19/USA/WA-S1194/2020 | EPI\_ISL\_463684 | A.1 | S | North America / USA / Washington / Yakima County | 5-MAY-2020 |
| hCoV-19/USA/WA-S1191/2020 | EPI\_ISL\_463681 | A.1 | S | North America / USA / Washington / Yakima County | 5-MAY-2020 |
| hCoV-19/USA/WA-S1190/2020 | EPI\_ISL\_463680 | A.1 | S | North America / USA / Washington / Yakima County | 5-MAY-2020 |
| hCoV-19/USA/WA-S1187/2020 | EPI\_ISL\_463677 | A.1 | S | North America / USA / Washington / Yakima County | 6-MAY-2020 |
| hCoV-19/USA/WA-S1186/2020 | EPI\_ISL\_463676 | A.1 | S | North America / USA / Washington / Yakima County | 6-MAY-2020 |
| hCoV-19/USA/WA-S1185/2020 | EPI\_ISL\_463675 | A.1 | S | North America / USA / Washington / Yakima County | 6-MAY-2020 |
| hCoV-19/USA/WA-S1181/2020 | EPI\_ISL\_463671 | A.1 | S | North America / USA / Washington / Yakima County | 6-MAY-2020 |
| hCoV-19/USA/WA-S1180/2020 | EPI\_ISL\_463670 | A.1 | S | North America / USA / Washington / Yakima County | 6-MAY-2020 |
| hCoV-19/USA/WA-S1177/2020 | EPI\_ISL\_463667 | A.1 | S | North America / USA / Washington / Yakima County | 5-MAY-2020 |
| hCoV-19/USA/WA-S1176/2020 | EPI\_ISL\_463666 | A.1 | S | North America / USA / Washington / Yakima County | 5-MAY-2020 |
| hCoV-19/USA/WA-S1174/2020 | EPI\_ISL\_463664 | A.1 | S | North America / USA / Washington / Yakima County | 5-MAY-2020 |
| hCoV-19/USA/WA-S1169/2020 | EPI\_ISL\_463659 | A.1 | S | North America / USA / Washington / Yakima County | 5-MAY-2020 |
| hCoV-19/USA/WA-S1168/2020 | EPI\_ISL\_463658 | A.1 | S | North America / USA / Washington / Yakima County | 5-MAY-2020 |
| hCoV-19/USA/WA-S1167/2020 | EPI\_ISL\_463657 | A.1 | S | North America / USA / Washington / Yakima County | 5-MAY-2020 |
| hCoV-19/USA/WA-S1161/2020 | EPI\_ISL\_463651 | A.1 | S | North America / USA / Washington / Yakima County | 6-MAY-2020 |
| hCoV-19/USA/WA-S1154/2020 | EPI\_ISL\_463644 | A.1 | S | North America / USA / Washington / Yakima County | 4-MAY-2020 |
| hCoV-19/USA/WA-S1143/2020 | EPI\_ISL\_463633 | A.1 | S | North America / USA / Washington / Yakima County | 5-MAY-2020 |
| hCoV-19/USA/WA-S1096/2020 | EPI\_ISL\_463586 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S1095/2020 | EPI\_ISL\_463585 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S1094/2020 | EPI\_ISL\_463584 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S1087/2020 | EPI\_ISL\_463577 | A.1 | S | North America / USA / Washington / Yakima County | 29-APR-2020 |
| hCoV-19/USA/WA-S1066/2020 | EPI\_ISL\_463556 | A.1 | S | North America / USA / Washington / Yakima County | 29-APR-2020 |
| hCoV-19/USA/WA-S1065/2020 | EPI\_ISL\_463555 | A.1 | S | North America / USA / Washington / Yakima County | 29-APR-2020 |
| hCoV-19/USA/WA-S1063/2020 | EPI\_ISL\_463553 | A.1 | S | North America / USA / Washington / Yakima County | 30-APR-2020 |
| hCoV-19/USA/WA-S1059/2020 | EPI\_ISL\_463549 | A.1 | S | North America / USA / Washington / Benton County | 28-APR-2020 |
| hCoV-19/USA/WA-S1058/2020 | EPI\_ISL\_463548 | A.1 | S | North America / USA / Washington / Benton County | 28-APR-2020 |
| hCoV-19/USA/WA-S1052/2020 | EPI\_ISL\_463542 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S1035/2020 | EPI\_ISL\_463525 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S1034/2020 | EPI\_ISL\_463524 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S1033/2020 | EPI\_ISL\_463523 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S1032/2020 | EPI\_ISL\_463522 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S1030/2020 | EPI\_ISL\_463520 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S1029/2020 | EPI\_ISL\_463519 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S1028/2020 | EPI\_ISL\_463518 | A.1 | S | North America / USA / Washington / Yakima County | 2-MAY-2020 |
| hCoV-19/USA/WA-S1027/2020 | EPI\_ISL\_463517 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S1026/2020 | EPI\_ISL\_463516 | A.1 | S | North America / USA / Washington / Yakima County | 30-APR-2020 |
| hCoV-19/USA/WA-S1024/2020 | EPI\_ISL\_463514 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S1023/2020 | EPI\_ISL\_463513 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S1022/2020 | EPI\_ISL\_463512 | A.1 | S | North America / USA / Washington / Yakima County | 29-APR-2020 |
| hCoV-19/USA/WA-S1021/2020 | EPI\_ISL\_463511 | A.1 | S | North America / USA / Washington / Yakima County | 30-APR-2020 |
| hCoV-19/USA/WA-S1019/2020 | EPI\_ISL\_463509 | A.1 | S | North America / USA / Washington / Yakima County | 30-APR-2020 |
| hCoV-19/USA/WA-S1018/2020 | EPI\_ISL\_463508 | A.1 | S | North America / USA / Washington / Yakima County | 30-APR-2020 |
| hCoV-19/USA/WA-S1016/2020 | EPI\_ISL\_463506 | A.1 | S | North America / USA / Washington / Yakima County | 29-APR-2020 |
| hCoV-19/USA/WA-S1015/2020 | EPI\_ISL\_463505 | A.1 | S | North America / USA / Washington / Yakima County | 30-APR-2020 |
| hCoV-19/USA/WA-S1014/2020 | EPI\_ISL\_463504 | A.1 | S | North America / USA / Washington / Snohomish County | 30-APR-2020 |
| hCoV-19/USA/WA-S1013/2020 | EPI\_ISL\_463503 | A.1 | S | North America / USA / Washington / Yakima County | 30-APR-2020 |
| hCoV-19/USA/WA-S1012/2020 | EPI\_ISL\_463502 | A.1 | S | North America / USA / Washington / Yakima County | 29-APR-2020 |
| hCoV-19/USA/WA-S1009/2020 | EPI\_ISL\_463499 | A.1 | S | North America / USA / Washington / Yakima County | 30-APR-2020 |
| hCoV-19/USA/WA-S1008/2020 | EPI\_ISL\_463498 | A.1 | S | North America / USA / Washington / Yakima County | 29-APR-2020 |
| hCoV-19/USA/WA-S1007/2020 | EPI\_ISL\_463497 | A.1 | S | North America / USA / Washington / Yakima County | 30-APR-2020 |
| hCoV-19/USA/WA-S1006/2020 | EPI\_ISL\_463496 | A.1 | S | North America / USA / Washington / Adams County | 27-APR-2020 |
| hCoV-19/USA/WA-S994/2020 | EPI\_ISL\_463484 | A.1 | S | North America / USA / Washington / Yakima County | 29-APR-2020 |
| hCoV-19/USA/WA-S992/2020 | EPI\_ISL\_463482 | A.1 | S | North America / USA / Washington / Spokane County | 28-APR-2020 |
| hCoV-19/USA/WA-S990/2020 | EPI\_ISL\_463480 | A.1 | S | North America / USA / Washington / Yakima County | 28-APR-2020 |
| hCoV-19/USA/WA-S987/2020 | EPI\_ISL\_463477 | A.1 | S | North America / USA / Washington | 26-APR-2020 |
| hCoV-19/USA/WA-S986/2020 | EPI\_ISL\_463476 | A.1 | S | North America / USA / Washington | 25-APR-2020 |
| hCoV-19/USA/WA-S985/2020 | EPI\_ISL\_463475 | A.1 | S | North America / USA / Washington | 18-APR-2020 |
| hCoV-19/USA/WA-S984/2020 | EPI\_ISL\_463474 | A.1 | S | North America / USA / Washington | 14-APR-2020 |
| hCoV-19/USA/WA-S981/2020 | EPI\_ISL\_463471 | A.1 | S | North America / USA / Washington | 9-APR-2020 |
| hCoV-19/USA/WA-S979/2020 | EPI\_ISL\_463469 | B.1 | GH | North America / USA / Washington | 9-APR-2020 |
| hCoV-19/USA/WA-S977/2020 | EPI\_ISL\_463467 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S975/2020 | EPI\_ISL\_463465 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S961/2020 | EPI\_ISL\_463451 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S960/2020 | EPI\_ISL\_463450 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S959/2020 | EPI\_ISL\_463449 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S956/2020 | EPI\_ISL\_463446 | A.1 | S | North America / USA / Washington / Yakima County | 1-MAY-2020 |
| hCoV-19/USA/WA-S953/2020 | EPI\_ISL\_463443 | A.1 | S | North America / USA / Washington / Yakima County | 27-APR-2020 |
| hCoV-19/USA/WA-S952/2020 | EPI\_ISL\_463442 | A.1 | S | North America / USA / Washington / Yakima County | 27-APR-2020 |
| hCoV-19/USA/WA-S951/2020 | EPI\_ISL\_463441 | A.1 | S | North America / USA / Washington / Yakima County | 27-APR-2020 |
| hCoV-19/USA/WA-S950/2020 | EPI\_ISL\_463440 | A.1 | S | North America / USA / Washington / Yakima County | 27-APR-2020 |
| hCoV-19/USA/WA-S949/2020 | EPI\_ISL\_463439 | A.1 | S | North America / USA / Washington / Yakima County | 27-APR-2020 |
| hCoV-19/USA/WA-S927/2020 | EPI\_ISL\_463417 | A.1 | S | North America / USA / Washington / Yakima County | 26-APR-2020 |
| hCoV-19/USA/WA-S923/2020 | EPI\_ISL\_463413 | A.1 | S | North America / USA / Washington / Yakima County | 26-APR-2020 |
| hCoV-19/USA/WA-S921/2020 | EPI\_ISL\_463411 | A.1 | S | North America / USA / Washington / Yakima County | 25-APR-2020 |
| hCoV-19/USA/WA-S920/2020 | EPI\_ISL\_463410 | A.1 | S | North America / USA / Washington / Yakima County | 25-APR-2020 |
| hCoV-19/USA/WA-S917/2020 | EPI\_ISL\_463407 | A.1 | S | North America / USA / Washington / Snohomish County | 27-APR-2020 |
| hCoV-19/USA/WA-S912/2020 | EPI\_ISL\_463402 | A.1 | S | North America / USA / Washington / Cowlitz County | 27-APR-2020 |
| hCoV-19/USA/WA-S910/2020 | EPI\_ISL\_463400 | A.1 | S | North America / USA / Washington / Yakima County | 27-APR-2020 |
| hCoV-19/USA/WA-S906/2020 | EPI\_ISL\_463396 | A.1 | S | North America / USA / Washington / Yakima County | 27-APR-2020 |
| hCoV-19/USA/WA-S902/2020 | EPI\_ISL\_463392 | A.1 | S | North America / USA / Washington / Yakima County | 22-APR-2020 |
| hCoV-19/USA/WA-S901/2020 | EPI\_ISL\_463391 | A.1 | S | North America / USA / Washington / Yakima County | 28-APR-2020 |
| hCoV-19/USA/WA-S900/2020 | EPI\_ISL\_463390 | A.1 | S | North America / USA / Washington / Yakima County | 28-APR-2020 |
| hCoV-19/USA/WA-S899/2020 | EPI\_ISL\_463389 | A.1 | S | North America / USA / Washington / Yakima County | 28-APR-2020 |
| hCoV-19/USA/WA-S894/2020 | EPI\_ISL\_463384 | A.1 | S | North America / USA / Washington / King County | 28-APR-2020 |
| hCoV-19/USA/WA-S888/2020 | EPI\_ISL\_463378 | A.1 | S | North America / USA / Washington / Yakima County | 22-APR-2020 |
| hCoV-19/USA/WA-S881/2020 | EPI\_ISL\_463371 | A.1 | S | North America / USA / Washington / Yakima County | 23-APR-2020 |
| hCoV-19/USA/WA-S877/2020 | EPI\_ISL\_463367 | A.1 | S | North America / USA / Washington / Grant County | 15-APR-2020 |
| hCoV-19/USA/WA-S872/2020 | EPI\_ISL\_463362 | A.1 | S | North America / USA / Washington / King County | 24-APR-2020 |
| hCoV-19/USA/WA-S871/2020 | EPI\_ISL\_463361 | A.1 | S | North America / USA / Washington / King County | 24-APR-2020 |
| hCoV-19/USA/WA-S863/2020 | EPI\_ISL\_463353 | A.1 | S | North America / USA / Washington / Yakima County | 22-APR-2020 |
| hCoV-19/USA/WA-S862/2020 | EPI\_ISL\_463352 | A.1 | S | North America / USA / Washington / Grant County | 22-APR-2020 |
| hCoV-19/USA/WA-S858/2020 | EPI\_ISL\_463348 | A.1 | S | North America / USA / Washington / Yakima County | 24-APR-2020 |
| hCoV-19/USA/WA-S857/2020 | EPI\_ISL\_463347 | A.1 | S | North America / USA / Washington / King County | 24-APR-2020 |
| hCoV-19/USA/WA-S856/2020 | EPI\_ISL\_463346 | A | S | North America / USA / Washington / King County | 24-APR-2020 |
| hCoV-19/USA/WA-S854/2020 | EPI\_ISL\_463344 | A.1 | S | North America / USA / Washington / King County | 24-APR-2020 |
| hCoV-19/USA/WA-S853/2020 | EPI\_ISL\_463343 | A.1 | S | North America / USA / Washington / King County | 24-APR-2020 |
| hCoV-19/USA/WA-S852/2020 | EPI\_ISL\_463342 | A.1 | S | North America / USA / Washington / King County | 24-APR-2020 |
| hCoV-19/USA/WA-S851/2020 | EPI\_ISL\_463341 | A.1 | S | North America / USA / Washington / Yakima County | 24-APR-2020 |
| hCoV-19/USA/WA-S850/2020 | EPI\_ISL\_463340 | A.1 | S | North America / USA / Washington / Yakima County | 23-APR-2020 |
| hCoV-19/USA/WA-S844/2020 | EPI\_ISL\_463334 | A.1 | S | North America / USA / Washington / Yakima County | 22-APR-2020 |
| hCoV-19/USA/WA-S842/2020 | EPI\_ISL\_463332 | A.1 | S | North America / USA / Washington / Franklin County | 21-APR-2020 |
| hCoV-19/USA/WA-S841/2020 | EPI\_ISL\_463331 | A.1 | S | North America / USA / Washington / Franklin County | 21-APR-2020 |
| hCoV-19/USA/WA-S838/2020 | EPI\_ISL\_463328 | A.1 | S | North America / USA / Washington / Yakima County | 22-APR-2020 |
| hCoV-19/USA/WA-S837/2020 | EPI\_ISL\_463327 | A.1 | S | North America / USA / Washington / Franklin County | 20-APR-2020 |
| hCoV-19/Canada/BC\_27303944/2020 | EPI\_ISL\_463273 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_27303787/2020 | EPI\_ISL\_463272 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_27280425/2020 | EPI\_ISL\_463264 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_27279444/2020 | EPI\_ISL\_463263 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_27222254/2020 | EPI\_ISL\_463262 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_26602426/2020 | EPI\_ISL\_463242 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_26590284/2020 | EPI\_ISL\_463240 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_26564890/2020 | EPI\_ISL\_463236 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_26172976/2020 | EPI\_ISL\_463231 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_25857092/2020 | EPI\_ISL\_463229 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_25856970/2020 | EPI\_ISL\_463228 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |

The following pandemic sequences contain ORF 8 replacement L84S

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 Sort criteria (1) Filters (0)

Sequences 501 to 1000 of 3703

| **Virus name** | **GISAID ID** | **Lineage** | **GISAID Clade** | **Location** | **Collection date** |
| --- | --- | --- | --- | --- | --- |
| hCoV-19/Canada/BC\_25574199/2020 | EPI\_ISL\_463226 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_25143276/2020 | EPI\_ISL\_463217 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_24825751/2020 | EPI\_ISL\_463216 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_24340030/2020 | EPI\_ISL\_463212 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_24271871/2020 | EPI\_ISL\_463209 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_24261010/2020 | EPI\_ISL\_463208 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_24252365/2020 | EPI\_ISL\_463206 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_24232310/2020 | EPI\_ISL\_463201 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_24165067/2020 | EPI\_ISL\_463194 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_23918026/2020 | EPI\_ISL\_463189 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_23840285/2020 | EPI\_ISL\_463188 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_23745918/2020 | EPI\_ISL\_463186 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/USA/CT-Yale-238/2020 | EPI\_ISL\_463170 | A.1 | S | North America / USA / Connecticut / New-Haven | 1-APR-2020 |
| hCoV-19/India/ILSCV20166/2020 | EPI\_ISL\_463074 | A.p7 or A | S | Asia / India / Odisha | 5-MAY-2020 |
| hCoV-19/India/ILSCV20165/2020 | EPI\_ISL\_463073 | A.p7 or A | S | Asia / India / Odisha | 5-MAY-2020 |
| hCoV-19/India/ILSCV19048/2020 | EPI\_ISL\_463064 | A.p7 or A | S | Asia / India / Odisha | 16-MAY-2020 |
| hCoV-19/India/ILSCV18556/2020 | EPI\_ISL\_463063 | A.p7 or A | S | Asia / India / Odisha | 13-MAY-2020 |
| hCoV-19/India/ILSCV17741/2020 | EPI\_ISL\_463058 | A.p7 or A | S | Asia / India / Odisha | 13-MAY-2020 |
| hCoV-19/India/ILSCV16280/2020 | EPI\_ISL\_463044 | A | O | Asia / India / Odisha | 11-MAY-2020 |
| hCoV-19/India/ILSCV16012/2020 | EPI\_ISL\_463043 | A.p7 or A | S | Asia / India / Odisha | 11-MAY-2020 |
| hCoV-19/India/ILSCV14847/2020 | EPI\_ISL\_463034 | A.p7 or A | S | Asia / India / Odisha | 10-MAY-2020 |
| hCoV-19/India/ILSCV14831/2020 | EPI\_ISL\_463033 | A.p7 or A | S | Asia / India / Odisha | 10-MAY-2020 |
| hCoV-19/India/ILSCV14289/2020 | EPI\_ISL\_463030 | B or A | O | Asia / India / Odisha | 11-MAY-2020 |
| hCoV-19/India/ILSCV14262/2020 | EPI\_ISL\_463029 | A.p7 or A | S | Asia / India / Odisha | 11-MAY-2020 |
| hCoV-19/India/ILSCV13929/2020 | EPI\_ISL\_463026 | A.p7 or A | O | Asia / India / Odisha | 10-MAY-2020 |
| hCoV-19/India/ILSCV13907/2020 | EPI\_ISL\_463024 | A.p7 or A | S | Asia / India / Odisha | 10-MAY-2020 |
| hCoV-19/Tunisia/COV0010-12/2020 | EPI\_ISL\_463001 | A.p7 or A | S | Africa / Tunisia | 18-MAR-2020 |
| hCoV-19/USA/SC-DHEC-0002/2020 | EPI\_ISL\_462991 | A.3 | O | North America / USA | 11-MAY-2020 |
| hCoV-19/USA/WY-WYPHL-00049/2020 | EPI\_ISL\_462941 | A | S | North America / USA / Wyoming | 25-MAR-2020 |
| hCoV-19/USA/WY-WYPHL-00041/2020 | EPI\_ISL\_462933 | A.2 | S | North America / USA / Wyoming | 24-MAR-2020 |
| hCoV-19/USA/WY-WYPHL-00040/2020 | EPI\_ISL\_462932 | A.2 | O | North America / USA / Wyoming | 24-MAR-2020 |
| hCoV-19/USA/WY-WYPHL-00031/2020 | EPI\_ISL\_462924 | A.1 | S | North America / USA / Wyoming | 23-MAR-2020 |
| hCoV-19/USA/WY-WYPHL-00029/2020 | EPI\_ISL\_462922 | A | S | North America / USA / Wyoming | 21-MAR-2020 |
| hCoV-19/USA/WY-WYPHL-00024/2020 | EPI\_ISL\_462917 | A.2 | S | North America / USA / Wyoming | 22-MAR-2020 |
| hCoV-19/Canada/BC\_23098110/2020 | EPI\_ISL\_462842 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_22946611/2020 | EPI\_ISL\_462838 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_22514413/2020 | EPI\_ISL\_462837 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_22511314/2020 | EPI\_ISL\_462836 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_22332113/2020 | EPI\_ISL\_462828 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_22156718/2020 | EPI\_ISL\_462825 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_22056219/2020 | EPI\_ISL\_462823 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_22032711/2020 | EPI\_ISL\_462821 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_21480617/2020 | EPI\_ISL\_462818 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_21446719/2020 | EPI\_ISL\_462813 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_21388915/2020 | EPI\_ISL\_462811 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_21346429/2020 | EPI\_ISL\_462807 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_21282517/2020 | EPI\_ISL\_462804 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_21174021/2020 | EPI\_ISL\_462797 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_21174010/2020 | EPI\_ISL\_462796 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_21154418/2020 | EPI\_ISL\_462795 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_21008826/2020 | EPI\_ISL\_462785 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_21008811/2020 | EPI\_ISL\_462784 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_20505516/2020 | EPI\_ISL\_462775 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_20432317/2020 | EPI\_ISL\_462774 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_19704814/2020 | EPI\_ISL\_462768 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_19677629/2020 | EPI\_ISL\_462766 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_19431939/2020 | EPI\_ISL\_462764 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_18138681/2020 | EPI\_ISL\_462756 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Singapore/302/2020 | EPI\_ISL\_462420 | A.1 | S | Asia / Singapore | 21-MAR-2020 |
| hCoV-19/Singapore/297/2020 | EPI\_ISL\_462415 | A.6 | S | Asia / Singapore | 20-MAR-2020 |
| hCoV-19/Singapore/232/2020 | EPI\_ISL\_462350 | A.3 | S | Asia / Singapore | 31-MAR-2020 |
| hCoV-19/Singapore/174/2020 | EPI\_ISL\_462292 | A.5 | S | Asia / Singapore | 17-MAR-2020 |
| hCoV-19/Belgium/KWA-0323410/2020 | EPI\_ISL\_462264 | A.5 | S | Europe / Belgium / Sint-Niklaas | 23-MAR-2020 |
| hCoV-19/Belgium/DBWC-0325340/2020 | EPI\_ISL\_462194 | SARS-CoV-2 or A | O | Europe / Belgium / Berchem | 25-MAR-2020 |
| hCoV-19/Singapore/319/2020 | EPI\_ISL\_462086 | A.1 | S | Asia / Singapore | 14-MAR-2020 |
| hCoV-19/Scotland/CVR3070/2020 | EPI\_ISL\_461654 | A.2 | S | Europe / United Kingdom / Scotland | 24-APR-2020 |
| hCoV-19/Scotland/CVR3061/2020 | EPI\_ISL\_461645 | A.2 | S | Europe / United Kingdom / Scotland | 24-APR-2020 |
| hCoV-19/Scotland/CVR2941/2020 | EPI\_ISL\_461601 | A.2 | S | Europe / United Kingdom / Scotland | 22-APR-2020 |
| hCoV-19/Scotland/CVR2924/2020 | EPI\_ISL\_461591 | A.2 | S | Europe / United Kingdom / Scotland | 22-APR-2020 |
| hCoV-19/England/BIRM-5FE53/2020 | EPI\_ISL\_461529 | A | S | Europe / United Kingdom / England | 2020 |
| hCoV-19/India/GBRC153b/2020 | EPI\_ISL\_461482 | A.p7 or A | S | Asia / India / Gujarat / Rajkot | 27-APR-2020 |
| hCoV-19/USA/WA-UW-5860/2020 | EPI\_ISL\_461445 | A.1 | S | North America / USA / Washington | 31-MAR-2020 |
| hCoV-19/USA/UNKNOWN-UW-5622/2020 | EPI\_ISL\_461438 | A.1 | S | North America / USA | 8-APR-2020 |
| hCoV-19/USA/WA-UW-4690/2020 | EPI\_ISL\_461429 | A.1 | S | North America / USA / Washington | 6-APR-2020 |
| hCoV-19/USA/WA-UW-4688/2020 | EPI\_ISL\_461428 | A.1 | S | North America / USA / Washington | 6-APR-2020 |
| hCoV-19/USA/WA-UW-3904/2020 | EPI\_ISL\_461422 | A.1 | S | North America / USA / Washington | 27-MAR-2020 |
| hCoV-19/USA/WA-UW-6596/2020 | EPI\_ISL\_461418 | A.1 | S | North America / USA / Washington | 6-APR-2020 |
| hCoV-19/USA/WA-UW-4657/2020 | EPI\_ISL\_461399 | A.1 | S | North America / USA / Washington | 6-APR-2020 |
| hCoV-19/Netherlands/NoordBrabant\_127/2020 | EPI\_ISL\_461162 | A.2 | S | Europe / Netherlands / Noord Brabant | 2020 |
| hCoV-19/Netherlands/NoordBrabant\_123/2020 | EPI\_ISL\_461158 | A.2 | S | Europe / Netherlands / Noord Brabant | 25-MAR-2020 |
| hCoV-19/Netherlands/NoordBrabant\_119/2020 | EPI\_ISL\_461154 | A.2 | S | Europe / Netherlands / Noord Brabant | 24-MAR-2020 |
| hCoV-19/Netherlands/NA\_673/2020 | EPI\_ISL\_461108 | A.2 | S | Europe / Netherlands | 10-MAR-2020 |
| hCoV-19/Netherlands/Flevoland\_13/2020 | EPI\_ISL\_460836 | A | S | Europe / Netherlands / Flevoland | 9-APR-2020 |
| hCoV-19/USA/WA-UW-4633/2020 | EPI\_ISL\_460632 | A.1 | S | North America / USA / Washington | 29-MAR-2020 |
| hCoV-19/USA/WA-UW-4632/2020 | EPI\_ISL\_460631 | A.1 | S | North America / USA / Washington | 28-MAR-2020 |
| hCoV-19/USA/WA-UW-4591/2020 | EPI\_ISL\_460627 | A.1 | S | North America / USA / Washington | 31-MAR-2020 |
| hCoV-19/USA/WA-UW-4570/2020 | EPI\_ISL\_460625 | A.1 | S | North America / USA / Washington | 31-MAR-2020 |
| hCoV-19/USA/WA-UW-4562/2020 | EPI\_ISL\_460624 | A.1 | S | North America / USA / Washington | 30-MAR-2020 |
| hCoV-19/USA/WA-UW-4555/2020 | EPI\_ISL\_460623 | A.1 | S | North America / USA / Washington | 31-MAR-2020 |
| hCoV-19/USA/WA-UW-4545/2020 | EPI\_ISL\_460621 | A.1 | S | North America / USA / Washington | 29-MAR-2020 |
| hCoV-19/Canada/BC\_18111443/2020 | EPI\_ISL\_460616 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_16344159/2020 | EPI\_ISL\_460610 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_15926629/2020 | EPI\_ISL\_460609 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_13871523/2020 | EPI\_ISL\_460608 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/Canada/BC\_08719828/2020 | EPI\_ISL\_460607 | A.1 | S | North America / Canada / British Columbia | MAR-2020 |
| hCoV-19/USA/MA-MGH-00132/2020 | EPI\_ISL\_460470 | A.1 | S | North America / USA / Massachusetts | 25-MAR-2020 |
| hCoV-19/USA/MA-MGH-00004/2020 | EPI\_ISL\_460467 | A.3 | S | North America / USA / Massachusetts | 11-MAR-2020 |
| hCoV-19/USA/MA-MGH-00071/2020 | EPI\_ISL\_460446 | A.1 | S | North America / USA / Massachusetts | 23-MAR-2020 |
| hCoV-19/USA/MA-MGH-00147/2020 | EPI\_ISL\_460433 | A.1 | S | North America / USA / Massachusetts | 25-MAR-2020 |
| hCoV-19/USA/MA-MGH-00696/2020 | EPI\_ISL\_460422 | A.2 | S | North America / USA / Massachusetts | 6-APR-2020 |
| hCoV-19/USA/MA-MGH-00646/2020 | EPI\_ISL\_460419 | A.1 | S | North America / USA / Massachusetts | 2-APR-2020 |
| hCoV-19/USA/MA-MGH-00517/2020 | EPI\_ISL\_460415 | A.1 | S | North America / USA / Massachusetts | 14-MAR-2020 |
| hCoV-19/USA/MA-MGH-00090/2020 | EPI\_ISL\_460411 | A.1 | S | North America / USA / Massachusetts | 25-MAR-2020 |
| hCoV-19/USA/MA-MGH-00676/2020 | EPI\_ISL\_460388 | A.1 | S | North America / USA / Massachusetts | 21-MAR-2020 |
| hCoV-19/USA/MA-MGH-00600/2020 | EPI\_ISL\_460382 | A.1 | S | North America / USA / Massachusetts | 28-MAR-2020 |
| hCoV-19/USA/MA-MGH-00153/2020 | EPI\_ISL\_460355 | A.1 | S | North America / USA / Massachusetts | 26-MAR-2020 |
| hCoV-19/USA/MA-MGH-00551/2020 | EPI\_ISL\_460338 | A.1 | S | North America / USA / Massachusetts | 20-MAR-2020 |
| hCoV-19/USA/MA-MGH-00566/2020 | EPI\_ISL\_460285 | A.3 | S | North America / USA / Massachusetts | 22-MAR-2020 |
| hCoV-19/USA/MA-MGH-00049/2020 | EPI\_ISL\_460264 | A.1 | S | North America / USA / Massachusetts | 23-MAR-2020 |
| hCoV-19/USA/MA-MGH-00555/2020 | EPI\_ISL\_460232 | A.3 | S | North America / USA / Massachusetts | 22-MAR-2020 |
| hCoV-19/USA/MA-MGH-00063/2020 | EPI\_ISL\_460214 | A.1 | S | North America / USA / Massachusetts | 24-MAR-2020 |
| hCoV-19/USA/MA-MGH-00614/2020 | EPI\_ISL\_460205 | A.3 | S | North America / USA / Massachusetts | 28-MAR-2020 |
| hCoV-19/USA/MA-MGH-00563/2020 | EPI\_ISL\_460186 | A.3 | S | North America / USA / Massachusetts | 22-MAR-2020 |
| hCoV-19/USA/MA-MGH-00174/2020 | EPI\_ISL\_460179 | A.3 | S | North America / USA / Massachusetts | 26-MAR-2020 |
| hCoV-19/USA/MA-MGH-00530/2020 | EPI\_ISL\_460178 | A.1 | S | North America / USA / Massachusetts | 18-MAR-2020 |
| hCoV-19/USA/MA-MGH-00145/2020 | EPI\_ISL\_460170 | A.3 | S | North America / USA / Massachusetts | 26-MAR-2020 |
| hCoV-19/USA/MA-MGH-00069/2020 | EPI\_ISL\_460119 | A.1 | S | North America / USA / Massachusetts | 25-MAR-2020 |
| hCoV-19/USA/MA-MGH-00143/2020 | EPI\_ISL\_460114 | A.3 | S | North America / USA / Massachusetts | 26-MAR-2020 |
| hCoV-19/USA/MA-MGH-00018/2020 | EPI\_ISL\_460102 | A.1 | S | North America / USA / Massachusetts | 25-MAR-2020 |
| hCoV-19/USA/MN-MDH-91/2020 | EPI\_ISL\_460072 | A.3 | S | North America / USA / Minnesota | 15-MAR-2020 |
| hCoV-19/USA/MN-MDH-84/2020 | EPI\_ISL\_460068 | A.1 | S | North America / USA / Minnesota | 15-MAR-2020 |
| hCoV-19/USA/MN-MDH-75/2020 | EPI\_ISL\_460064 | A.1 | S | North America / USA / Minnesota | 16-MAR-2020 |
| hCoV-19/USA/MN-MDH-74/2020 | EPI\_ISL\_460063 | A.1 | S | North America / USA / Minnesota | 17-MAR-2020 |
| hCoV-19/USA/MN-MDH-163/2020 | EPI\_ISL\_460058 | A.1 | S | North America / USA / Minnesota | 23-MAR-2020 |
| hCoV-19/USA/MN-MDH-148/2020 | EPI\_ISL\_460053 | A.1 | S | North America / USA / Minnesota | 21-MAR-2020 |
| hCoV-19/USA/MN-MDH-139/2020 | EPI\_ISL\_460052 | A.3 | S | North America / USA / Minnesota | 21-MAR-2020 |
| hCoV-19/USA/MN-MDH-104/2020 | EPI\_ISL\_460046 | A.1 | S | North America / USA / Minnesota | 15-MAR-2020 |
| hCoV-19/USA/MN-MDH-103/2020 | EPI\_ISL\_460045 | A.1 | S | North America / USA / Minnesota | 15-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20469/2020 | EPI\_ISL\_460008 | A.3 | S | North America / USA / Michigan | 26-MAR-2020 |
| hCoV-19/Canada/ON\_QGLO-023/2020 | EPI\_ISL\_459879 | A.1 | S | North America / Canada / Ontario | 28-MAR-2020 |
| hCoV-19/Chile/Talca-25343/2020 | EPI\_ISL\_459863 | A | S | South America / Chile / Talca | 12-MAR-2020 |
| hCoV-19/Chile/LaFlorida-26639/2020 | EPI\_ISL\_459858 | A.2 | S | South America / Chile / Santiago | 17-MAR-2020 |
| hCoV-19/Scotland/GCVR-171009/2020 | EPI\_ISL\_459693 | A.2 | S | Europe / United Kingdom / Scotland | 27-MAR-2020 |
| hCoV-19/Scotland/GCVR-17050B/2020 | EPI\_ISL\_459667 | A.1 | S | Europe / United Kingdom / Scotland | 23-MAR-2020 |
| hCoV-19/Scotland/GCVR-170A0C/2020 | EPI\_ISL\_459665 | B or A.5 | O | Europe / United Kingdom / Scotland | 26-MAR-2020 |
| hCoV-19/Scotland/GCVR-170662/2020 | EPI\_ISL\_459653 | A.1 | S | Europe / United Kingdom / Scotland | 24-MAR-2020 |
| hCoV-19/Scotland/GCVR-170653/2020 | EPI\_ISL\_459652 | A.1 | S | Europe / United Kingdom / Scotland | 24-MAR-2020 |
| hCoV-19/Scotland/GCVR-1709F0/2020 | EPI\_ISL\_459650 | A.2 | S | Europe / United Kingdom / Scotland | 26-MAR-2020 |
| hCoV-19/Scotland/GCVR-170608/2020 | EPI\_ISL\_459640 | A.5 | S | Europe / United Kingdom / Scotland | 25-MAR-2020 |
| hCoV-19/Scotland/GCVR-17000A/2020 | EPI\_ISL\_459625 | A.2 | S | Europe / United Kingdom / Scotland | 25-MAR-2020 |
| hCoV-19/Scotland/GCVR-170170/2020 | EPI\_ISL\_459618 | A.2 | S | Europe / United Kingdom / Scotland | 24-MAR-2020 |
| hCoV-19/Scotland/GCVR-171300/2020 | EPI\_ISL\_459592 | A.2 | S | Europe / United Kingdom / Scotland | 26-MAR-2020 |
| hCoV-19/Scotland/GCVR-170AEE/2020 | EPI\_ISL\_459570 | A.2 | S | Europe / United Kingdom / Scotland | 24-MAR-2020 |
| hCoV-19/Scotland/GCVR-170671/2020 | EPI\_ISL\_459561 | A.1 | S | Europe / United Kingdom / Scotland | 24-MAR-2020 |
| hCoV-19/Scotland/GCVR-170FB2/2020 | EPI\_ISL\_459553 | A.2 | S | Europe / United Kingdom / Scotland | 26-MAR-2020 |
| hCoV-19/Scotland/GCVR-170F85/2020 | EPI\_ISL\_459551 | A.2 | S | Europe / United Kingdom / Scotland | 27-MAR-2020 |
| hCoV-19/Scotland/GCVR-170BDC/2020 | EPI\_ISL\_459550 | A.2 | S | Europe / United Kingdom / Scotland | 25-MAR-2020 |
| hCoV-19/Scotland/GCVR-170C9D/2020 | EPI\_ISL\_459544 | A.5 | S | Europe / United Kingdom / Scotland | 25-MAR-2020 |
| hCoV-19/Scotland/GCVR-1710BE/2020 | EPI\_ISL\_459520 | A.2 | S | Europe / United Kingdom / Scotland | 27-MAR-2020 |
| hCoV-19/England/CAMB-1AE22B/2020 | EPI\_ISL\_459474 | A.2 | S | Europe / United Kingdom / England | 27-APR-2020 |
| hCoV-19/Scotland/GCVR-173BAC/2020 | EPI\_ISL\_459142 | A.2 | S | Europe / United Kingdom / Scotland | 7-APR-2020 |
| hCoV-19/Scotland/GCVR-172BF8/2020 | EPI\_ISL\_459141 | B | O | Europe / United Kingdom / Scotland | 6-APR-2020 |
| hCoV-19/Scotland/GCVR-173DD3/2020 | EPI\_ISL\_459132 | A.2 | S | Europe / United Kingdom / Scotland | 7-APR-2020 |
| hCoV-19/Scotland/GCVR-173CC7/2020 | EPI\_ISL\_459130 | A.2 | S | Europe / United Kingdom / Scotland | 7-APR-2020 |
| hCoV-19/Scotland/GCVR-173C4F/2020 | EPI\_ISL\_459127 | A.2 | S | Europe / United Kingdom / Scotland | 7-APR-2020 |
| hCoV-19/Scotland/GCVR-173C6D/2020 | EPI\_ISL\_459121 | A.2 | S | Europe / United Kingdom / Scotland | 7-APR-2020 |
| hCoV-19/Scotland/GCVR-173D79/2020 | EPI\_ISL\_459114 | A.2 | S | Europe / United Kingdom / Scotland | 7-APR-2020 |
| hCoV-19/Scotland/GCVR-173B8E/2020 | EPI\_ISL\_459104 | A.2 | S | Europe / United Kingdom / Scotland | 6-APR-2020 |
| hCoV-19/Scotland/GCVR-173B9D/2020 | EPI\_ISL\_459099 | A.2 | S | Europe / United Kingdom / Scotland | 6-APR-2020 |
| hCoV-19/England/NORT-289629/2020 | EPI\_ISL\_458630 | A.5 | S | Europe / United Kingdom / England | 31-MAR-2020 |
| hCoV-19/USA/NC\_200429/2020 | EPI\_ISL\_458291 | A.p7 or A | S | North America / USA / North Carolina | APR-2020 |
| hCoV-19/Tunisia/MHT\_2/2020 | EPI\_ISL\_458286 | A.p7 or A | S | Africa / Tunisia / Ben Arous | 24-MAR-2020 |
| hCoV-19/USA/CA-SR0404/2020 | EPI\_ISL\_458275 | A.1 | S | North America / USA / California / San Diego | 7-APR-2020 |
| hCoV-19/Oman/RESP-20-5414/2020 | EPI\_ISL\_457993 | A | S | Asia / Oman / Dakhiliyah | 24-MAR-2020 |
| hCoV-19/Oman/RESP-20-4736/2020 | EPI\_ISL\_457991 | A | O | Asia / Oman / North Batinah | 22-MAR-2020 |
| hCoV-19/Oman/RESP-20-2631/2020 | EPI\_ISL\_457976 | A | S | Asia / Oman / North Batinah | 17-MAR-2020 |
| hCoV-19/Uruguay/UY-NYUMC869/2020 | EPI\_ISL\_457965 | A.5 | S | South America / Uruguay / Montevideo | 3-APR-2020 |
| hCoV-19/Uruguay/UY-NYUMC864/2020 | EPI\_ISL\_457960 | A.5 | S | South America / Uruguay / Montevideo | 28-MAR-2020 |
| hCoV-19/Uruguay/UY-NYUMC862/2020 | EPI\_ISL\_457958 | A.5 | S | South America / Uruguay / Montevideo | 25-MAR-2020 |
| hCoV-19/Uruguay/UY-NYUMC860/2020 | EPI\_ISL\_457956 | A.5 | S | South America / Uruguay / Montevideo | 25-MAR-2020 |
| hCoV-19/Uruguay/UY-NYUMC856/2020 | EPI\_ISL\_457952 | A.5 | S | South America / Uruguay / Montevideo | 21-MAR-2020 |
| hCoV-19/Uruguay/UY-NYUMC852/2020 | EPI\_ISL\_457948 | A.5 | S | South America / Uruguay / Montevideo | 17-MAR-2020 |
| hCoV-19/Uruguay/UY-NYUMC850/2020 | EPI\_ISL\_457946 | A.2 | O | South America / Uruguay / Montevideo | 17-MAR-2020 |
| hCoV-19/Uruguay/UY-NYUMC846/2020 | EPI\_ISL\_457942 | A.5 | O | South America / Uruguay / Montevideo | 17-MAR-2020 |
| hCoV-19/Uruguay/UY-NYUMC844/2020 | EPI\_ISL\_457940 | A.5 | S | South America / Uruguay / Montevideo | 17-MAR-2020 |
| hCoV-19/Oman/RESP-20-1976/2020 | EPI\_ISL\_457938 | A | S | Asia / Oman / Muscat | 15-MAR-2020 |
| hCoV-19/Kenya/P230/2020 | EPI\_ISL\_457875 | A | S | Africa / Kenya | APR-2020 |
| hCoV-19/Kenya/P209/2020 | EPI\_ISL\_457871 | A | S | Africa / Kenya | APR-2020 |
| hCoV-19/USA/MD-HP00120/2020 | EPI\_ISL\_457813 | A.3 | S | North America / USA / Maryland | 19-MAR-2020 |
| hCoV-19/USA/MD-HP00065/2020 | EPI\_ISL\_457807 | A.3 | S | North America / USA / Maryland | 15-MAR-2020 |
| hCoV-19/USA/MD-HP00058/2020 | EPI\_ISL\_457800 | A.1 | S | North America / USA / Maryland | 19-MAR-2020 |
| hCoV-19/USA/MD-HP00031/2020 | EPI\_ISL\_457789 | A.3 | S | North America / USA / Maryland | 16-MAR-2020 |
| hCoV-19/USA/MD-HP00154/2020 | EPI\_ISL\_457783 | A.3 | S | North America / USA / Maryland | 29-MAR-2020 |
| hCoV-19/USA/MD-HP00153/2020 | EPI\_ISL\_457782 | A.3 | S | North America / USA / Maryland | 24-MAR-2020 |
| hCoV-19/USA/MD-HP00113/2020 | EPI\_ISL\_457768 | A.3 | S | North America / USA / Maryland | 14-MAR-2020 |
| hCoV-19/USA/MD-HP00112/2020 | EPI\_ISL\_457767 | A.3 | S | North America / USA / Maryland | 29-MAR-2020 |
| hCoV-19/USA/MD-HP00098/2020 | EPI\_ISL\_457762 | A.3 | S | North America / USA / Maryland | 26-MAR-2020 |
| hCoV-19/USA/MD-HP00086/2020 | EPI\_ISL\_457756 | A.3 | S | North America / USA / Maryland | 20-MAR-2020 |
| hCoV-19/Guangzhou/GZMU0099/2020 | EPI\_ISL\_457696 | A | S | Asia / China / Guangzhou | 20-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0095/2020 | EPI\_ISL\_457695 | A | S | Asia / China / Guangzhou | 17-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0083/2020 | EPI\_ISL\_457693 | A | S | Asia / China / Guangzhou | 14-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0081/2020 | EPI\_ISL\_457692 | A | S | Asia / China / Guangzhou | 14-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0078/2020 | EPI\_ISL\_457690 | A | S | Asia / China / Guangzhou | 11-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0077/2020 | EPI\_ISL\_457689 | A | S | Asia / China / Guangzhou | 11-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0075/2020 | EPI\_ISL\_457688 | A | S | Asia / China / Guangzhou | 11-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0074/2020 | EPI\_ISL\_457687 | A | S | Asia / China / Guangzhou | 11-FEB-2020 |
| hCoV-19/England/NORT-28AA1D/2020 | EPI\_ISL\_457309 | A.5 | S | Europe / United Kingdom / England | 14-APR-2020 |
| hCoV-19/England/EXET-135E34/2020 | EPI\_ISL\_457171 | A.2 | S | Europe / United Kingdom / England | 27-MAR-2020 |
| hCoV-19/England/EXET-135D64/2020 | EPI\_ISL\_457163 | A.2 | S | Europe / United Kingdom / England | 27-MAR-2020 |
| hCoV-19/England/EXET-1359F7/2020 | EPI\_ISL\_457124 | A.2 | S | Europe / United Kingdom / England | 17-MAR-2020 |
| hCoV-19/Scotland/EDB5040/2020 | EPI\_ISL\_456952 | A.5 | S | Europe / United Kingdom / Scotland | 2-APR-2020 |
| hCoV-19/Scotland/CVR3440/2020 | EPI\_ISL\_456853 | A.2 | S | Europe / United Kingdom / Scotland | 7-MAY-2020 |
| hCoV-19/Scotland/CVR3350/2020 | EPI\_ISL\_456784 | A.5 | S | Europe / United Kingdom / Scotland | 7-MAY-2020 |
| hCoV-19/Scotland/CVR3346/2020 | EPI\_ISL\_456782 | A.2 | S | Europe / United Kingdom / Scotland | 6-MAY-2020 |
| hCoV-19/Scotland/CVR2375/2020 | EPI\_ISL\_456764 | A.2 | S | Europe / United Kingdom / Scotland | 13-APR-2020 |
| hCoV-19/Scotland/CVR2242/2020 | EPI\_ISL\_456762 | A.2 | S | Europe / United Kingdom / Scotland | 12-APR-2020 |
| hCoV-19/Scotland/CVR2118/2020 | EPI\_ISL\_456759 | A.2 | S | Europe / United Kingdom / Scotland | 10-APR-2020 |
| hCoV-19/USA/UN-NR-52282/2020 | EPI\_ISL\_456656 | A | S | North America / USA | 23-MAR-2020 |
| hCoV-19/Australia/VIC1787/2020 | EPI\_ISL\_456649 | A | S | Oceania / Australia / Victoria | 27-MAY-2020 |
| hCoV-19/Australia/VIC1360/2020 | EPI\_ISL\_456427 | A.2 | S | Oceania / Australia / Victoria | 7-APR-2020 |
| hCoV-19/Australia/VIC1392/2020 | EPI\_ISL\_456425 | A.2 | S | Oceania / Australia / Victoria | 15-APR-2020 |
| hCoV-19/Australia/VIC1406/2020 | EPI\_ISL\_456423 | A.2 | S | Oceania / Australia / Victoria | 16-APR-2020 |
| hCoV-19/Australia/VIC1365/2020 | EPI\_ISL\_456411 | A.1 | S | Oceania / Australia / Victoria | 13-APR-2020 |
| hCoV-19/New Zealand/20VR2083/2020 | EPI\_ISL\_456368 | A.2 | S | Oceania / New Zealand / Canterbury | 10-APR-2020 |
| hCoV-19/New Zealand/20VR2038/2020 | EPI\_ISL\_456343 | A.2 | S | Oceania / New Zealand / Combined Wellington | 1-APR-2020 |
| hCoV-19/New Zealand/20VR2034/2020 | EPI\_ISL\_456340 | A.1 | S | Oceania / New Zealand / Combined Wellington | 1-APR-2020 |
| hCoV-19/New Zealand/20VR2019/2020 | EPI\_ISL\_456336 | A.2 | S | Oceania / New Zealand / Combined Wellington | 1-APR-2020 |
| hCoV-19/New Zealand/20VR2015/2020 | EPI\_ISL\_456334 | A.1 | S | Oceania / New Zealand / Combined Wellington | 1-APR-2020 |
| hCoV-19/New Zealand/20VR2014/2020 | EPI\_ISL\_456333 | A.1 | S | Oceania / New Zealand / Combined Wellington | 1-APR-2020 |
| hCoV-19/New Zealand/20VR1995/2020 | EPI\_ISL\_456325 | A.2 | S | Oceania / New Zealand / Combined Wellington | 1-APR-2020 |
| hCoV-19/New Zealand/20VR1936/2020 | EPI\_ISL\_456315 | B.1 or A | O | Oceania / New Zealand / Southern | 4-APR-2020 |
| hCoV-19/New Zealand/20VR1896/2020 | EPI\_ISL\_456298 | A.1 | S | Oceania / New Zealand / Southern | 1-APR-2020 |
| hCoV-19/New Zealand/20VR1858/2020 | EPI\_ISL\_456286 | A.1 | S | Oceania / New Zealand / Southern | 30-MAR-2020 |
| hCoV-19/New Zealand/20VR1836/2020 | EPI\_ISL\_456277 | A.2 | S | Oceania / New Zealand / Southern | 27-MAR-2020 |
| hCoV-19/New Zealand/20VR1833/2020 | EPI\_ISL\_456276 | A.1 | S | Oceania / New Zealand / Southern | 30-MAR-2020 |
| hCoV-19/New Zealand/20VR1380/2020 | EPI\_ISL\_456215 | A.1 | S | Oceania / New Zealand / Bay of Plenty | 22-MAR-2020 |
| hCoV-19/New Zealand/20VR1297/2020 | EPI\_ISL\_456213 | A.2 | S | Oceania / New Zealand / Counties Manukau | 20-MAR-2020 |
| hCoV-19/New Zealand/20VR1290/2020 | EPI\_ISL\_456212 | A.1 | S | Oceania / New Zealand / Auckland | 21-MAR-2020 |
| hCoV-19/New Zealand/20VR1275/2020 | EPI\_ISL\_456200 | A.3 | S | Oceania / New Zealand / Auckland | 20-MAR-2020 |
| hCoV-19/New Zealand/20VR1016/2020 | EPI\_ISL\_456182 | A.1 | S | Oceania / New Zealand / Combined Wellington | 20-MAR-2020 |
| hCoV-19/New Zealand/20VR0999/2020 | EPI\_ISL\_456180 | A.1 | S | Oceania / New Zealand / Auckland | 16-MAR-2020 |
| hCoV-19/New Zealand/20VR0987/2020 | EPI\_ISL\_456172 | A.3 | S | Oceania / New Zealand / Auckland | 17-MAR-2020 |
| hCoV-19/Colombia/INS-79489/2020 | EPI\_ISL\_456123 | A.1 | S | South America / Colombia / Manizales | 12-MAR-2020 |
| hCoV-19/Colombia/INS-80825/2020 | EPI\_ISL\_456119 | A.5 | S | South America / Colombia / Medellin | 17-MAR-2020 |
| hCoV-19/Colombia/INS-79253/2020 | EPI\_ISL\_456117 | A.5 | S | South America / Colombia / Medellin | 10-MAR-2020 |
| hCoV-19/USA/LA-EVTL155/2020 | EPI\_ISL\_455998 | A.3 | S | North America/ USA/ Louisiana | 1-APR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0155/2020 | EPI\_ISL\_455948 | A.6 | S | Asia / Thailand / Bangkok | 16-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0154/2020 | EPI\_ISL\_455947 | A.6 | S | Asia / Thailand / Bangkok | 16-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0153/2020 | EPI\_ISL\_455946 | A.6 | S | Asia / Thailand / Bangkok | 16-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0152/2020 | EPI\_ISL\_455945 | A.6 | S | Asia / Thailand / Bangkok | 16-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0150/2020 | EPI\_ISL\_455944 | A.6 | S | Asia / Thailand / Bangkok | 15-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0148/2020 | EPI\_ISL\_455942 | A.6 | S | Asia / Thailand / Bangkok | 15-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0147/2020 | EPI\_ISL\_455941 | A.6 | S | Asia / Thailand / Bangkok | 15-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0146/2020 | EPI\_ISL\_455940 | A.6 | S | Asia / Thailand / Bangkok | 15-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0145/2020 | EPI\_ISL\_455939 | A.6 | S | Asia / Thailand / Bangkok | 15-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0144/2020 | EPI\_ISL\_455938 | A.6 | S | Asia / Thailand / Bangkok | 15-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0143/2020 | EPI\_ISL\_455937 | A.6 | S | Asia / Thailand / Bangkok | 15-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0142/2020 | EPI\_ISL\_455936 | A.6 | S | Asia / Thailand / Bangkok | 14-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0141/2020 | EPI\_ISL\_455935 | A.6 | S | Asia / Thailand / Bangkok | 14-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0139/2020 | EPI\_ISL\_455933 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0138/2020 | EPI\_ISL\_455932 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0137/2020 | EPI\_ISL\_455931 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0136/2020 | EPI\_ISL\_455930 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0135/2020 | EPI\_ISL\_455929 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0134/2020 | EPI\_ISL\_455928 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0132/2020 | EPI\_ISL\_455926 | A.6 | S | Asia / Thailand / Bangkok | 12-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0131/2020 | EPI\_ISL\_455925 | A.6 | S | Asia / Thailand / Bangkok | 12-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0130/2020 | EPI\_ISL\_455924 | A.6 | S | Asia / Thailand / Bangkok | 12-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0114/2020 | EPI\_ISL\_455916 | A.6 | S | Asia / Thailand / Bangkok | 12-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0111/2020 | EPI\_ISL\_455914 | A.6 | S | Asia / Thailand / Bangkok | 11-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0109/2020 | EPI\_ISL\_455912 | A.6 | S | Asia / Thailand / Bangkok | 11-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0108/2020 | EPI\_ISL\_455911 | A.6 | S | Asia / Thailand / Bangkok | 11-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0106/2020 | EPI\_ISL\_455909 | A.6 | S | Asia / Thailand / Bangkok | 9-MAR-2020 |
| hCoV-19/Thailand/Bangkok-CONI-0105/2020 | EPI\_ISL\_455908 | A.6 | S | Asia / Thailand / Bangkok | 9-MAR-2020 |
| hCoV-19/Malaysia/IMR\_WC119/2020 | EPI\_ISL\_455790 | A | S | Asia / Malaysia / Selangor | 30-JAN-2020 |
| hCoV-19/India/RMRC171/2020 | EPI\_ISL\_455770 | A.p7 or A | S | Asia / India / Odisha | 7-MAY-2020 |
| hCoV-19/India/RMRC170/2020 | EPI\_ISL\_455769 | A | S | Asia / India / Odisha | 7-MAY-2020 |
| hCoV-19/India/RMRC167/2020 | EPI\_ISL\_455767 | A.p7 or A | S | Asia / India / Odisha | 7-MAY-2020 |
| hCoV-19/India/RMRC166/2020 | EPI\_ISL\_455766 | A.p7 or A | S | Asia / India / Odisha | 7-MAY-2020 |
| hCoV-19/India/RMRC164/2020 | EPI\_ISL\_455764 | A.p7 or A | S | Asia / India / Odisha | 7-MAY-2020 |
| hCoV-19/India/RMRC163/2020 | EPI\_ISL\_455763 | A.p7 or A | S | Asia / India / Odisha | 7-MAY-2020 |
| hCoV-19/India/RMRC162/2020 | EPI\_ISL\_455762 | A.p7 or A | O | Asia / India / Odisha | 7-MAY-2020 |
| hCoV-19/India/RMRC160/2020 | EPI\_ISL\_455761 | A.p7 or A | S | Asia / India / Odisha | 7-MAY-2020 |
| hCoV-19/India/RMRC159/2020 | EPI\_ISL\_455760 | A.p7 or A | S | Asia / India / Odisha | 7-MAY-2020 |
| hCoV-19/India/RMRC158/2020 | EPI\_ISL\_455759 | A | S | Asia / India / Odisha | 7-MAY-2020 |
| hCoV-19/India/RMRC157/2020 | EPI\_ISL\_455758 | A | O | Asia / India / Odisha | 7-MAY-2020 |
| hCoV-19/India/RMRC110/2020 | EPI\_ISL\_455753 | A | O | Asia / India / Odisha | 6-MAY-2020 |
| hCoV-19/India/RMRC108/2020 | EPI\_ISL\_455752 | A.p7 or A | O | Asia / India / Odisha | 6-MAY-2020 |
| hCoV-19/India/RMRC106/2020 | EPI\_ISL\_455751 | A.p7 or A | S | Asia / India / Odisha | 6-MAY-2020 |
| hCoV-19/India/RMRC103/2020 | EPI\_ISL\_455749 | A.p7 or A | O | Asia / India / Odisha | 6-MAY-2020 |
| hCoV-19/Spain/Valencia650/2020 | EPI\_ISL\_455741 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 29-MAR-2020 |
| hCoV-19/Spain/Valencia\_h2650/2020 | EPI\_ISL\_455736 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia\_h | 20-MAR-2020 |
| hCoV-19/Spain/Valencia\_h2647/2020 | EPI\_ISL\_455735 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia\_h | 20-MAR-2020 |
| hCoV-19/Spain/Almassera633/2020 | EPI\_ISL\_455722 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Almassera | 30-MAR-2020 |
| hCoV-19/Zhejiang/OS2/2020 | EPI\_ISL\_455692 | A | S | Asia / China / Zhejiang | 24-MAR-2020 |
| hCoV-19/Zhejiang/CN4/2020 | EPI\_ISL\_455687 | A | S | Asia / China / Zhejiang | 26-JAN-2020 |
| hCoV-19/Zhejiang/CN5/2020 | EPI\_ISL\_455685 | A | S | Asia / China / Zhejiang | 22-JAN-2020 |
| hCoV-19/Zhejiang/CN2/2020 | EPI\_ISL\_455684 | A | S | Asia / China / Zhejiang | 22-JAN-2020 |
| hCoV-19/Zhejiang/CN1/2020 | EPI\_ISL\_455683 | A | S | Asia / China / Zhejiang | 22-JAN-2020 |
| hCoV-19/India/S51/2020 | EPI\_ISL\_455671 | A.p7 or A | S | Asia / India / West\_Bengal / Kolkata | 3-MAY-2020 |
| hCoV-19/India/S29/2020 | EPI\_ISL\_455658 | A.p7 or A | S | Asia / India / West\_Bengal / South 24 Parganas | 30-APR-2020 |
| hCoV-19/India/S19/2020 | EPI\_ISL\_455649 | A.p7 or A | S | Asia / India / West\_Bengal / Kolkata | 20-APR-2020 |
| hCoV-19/India/S15/2020 | EPI\_ISL\_455645 | A.p7 or A | S | Asia / India / West\_Bengal / Kolkata | 3-APR-2020 |
| hCoV-19/Thailand/Bangkok\_2295/2020 | EPI\_ISL\_455624 | A.6 | S | Asia / Thailand / Bangkok | 12-MAR-2020 |
| hCoV-19/Thailand/Bangkok\_2504/2020 | EPI\_ISL\_455608 | A.6 | S | Asia / Thailand / Bangkok | 14-MAR-2020 |
| hCoV-19/Thailand/Bangkok\_2489/2020 | EPI\_ISL\_455607 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Thailand/Bangkok\_2488/2020 | EPI\_ISL\_455606 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Thailand/Nonthaburi\_2472/2020 | EPI\_ISL\_455605 | A.6 | S | Asia / Thailand / Nonthaburi | 14-MAR-2020 |
| hCoV-19/Thailand/Bangkok\_2420/2020 | EPI\_ISL\_455604 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Australia/VPRL006/2020 | EPI\_ISL\_455598 | A.1 | S | Oceania / Australia / South Australia | 1-APR-2020 |
| hCoV-19/Thailand/Nonthaburi\_3478/2020 | EPI\_ISL\_455592 | A.6 | S | Asia / Thailand / Nonthaburi | 20-MAR-2020 |
| hCoV-19/Thailand/Nonthaburi\_3479/2020 | EPI\_ISL\_455591 | A.6 | S | Asia / Thailand / Nonthaburi | 20-MAR-2020 |
| hCoV-19/Thailand/Nonthaburi\_3480/2020 | EPI\_ISL\_455590 | A.6 | S | Asia / Thailand / Nonthaburi | 20-MAR-2020 |
| hCoV-19/Thailand/Nonthaburi\_3481/2020 | EPI\_ISL\_455589 | A.6 | S | Asia / Thailand / Nonthaburi | 20-MAR-2020 |
| hCoV-19/Thailand/Nakhonnayok\_2829/2020 | EPI\_ISL\_455587 | A.6 | S | Asia / Thailand / Nakhonnayok | 13-MAR-2020 |
| hCoV-19/Thailand/Bangkok\_2974/2020 | EPI\_ISL\_455585 | A.6 | S | Asia / Thailand / Bangkok | 14-MAR-2020 |
| hCoV-19/Thailand/Phatum thani\_2980/2020 | EPI\_ISL\_455584 | A.6 | S | Asia / Thailand / Phatum thani | 18-MAR-2020 |
| hCoV-19/Yichun/JX2424/2020 | EPI\_ISL\_455467 | A | S | Asia / China / Jiangxi / Yichun | 12-FEB-2020 |
| hCoV-19/Fuzhou/JX2009/2020 | EPI\_ISL\_455464 | A | S | Asia / China / Jiangxi / Fuzhou | 5-FEB-2020 |
| hCoV-19/Fuzhou/JX2012/2020 | EPI\_ISL\_455462 | A | S | Asia / China / Jiangxi / Fuzhou | 5-FEB-2020 |
| hCoV-19/Yichun/JX2391/2020 | EPI\_ISL\_455461 | A | S | Asia / China / Jiangxi / Yichun | 6-FEB-2020 |
| hCoV-19/Yichun/JX2325/2020 | EPI\_ISL\_455460 | A | S | Asia / China / Jiangxi / Yichun | 9-FEB-2020 |
| hCoV-19/Mexico/CDMX-InDRE\_18/2020 | EPI\_ISL\_455456 | A.5 | S | North America / Mexico / Queretaro | 12-MAR-2020 |
| hCoV-19/Mexico/CDMX-InDRE\_15/2020 | EPI\_ISL\_455439 | A.1 | S | North America / Mexico / CDMX | 11-MAR-2020 |
| hCoV-19/Mexico/CDMX-InDRE\_09/2020 | EPI\_ISL\_455432 | A.1 | S | North America / Mexico / Durango | 11-MAR-2020 |
| hCoV-19/Nigeria/OS125-CV20/2020 | EPI\_ISL\_455427 | A.p7 or A | S | Africa / Nigeria / Osun State | 29-MAR-2020 |
| hCoV-19/Nigeria/OS122-CV18/2020 | EPI\_ISL\_455426 | A.p7 or A | S | Africa / Nigeria / Osun State | 29-MAR-2020 |
| hCoV-19/Nigeria/OS085-CV14/2020 | EPI\_ISL\_455424 | A.p7 or A | S | Africa / Nigeria / Osun State | 29-MAR-2020 |
| hCoV-19/Nigeria/OS075-CV12/2020 | EPI\_ISL\_455423 | A.p7 or A | S | Africa / Nigeria / Osun State | 29-MAR-2020 |
| hCoV-19/Nigeria/OS070-CV11/2020 | EPI\_ISL\_455422 | A.p7 or A | S | Africa / Nigeria / Osun State | 29-MAR-2020 |
| hCoV-19/Nigeria/OS055-CV8/2020 | EPI\_ISL\_455418 | A.p7 or A | S | Africa / Nigeria / Osun State | 29-MAR-2020 |
| hCoV-19/Nigeria/OS030-CV5/2020 | EPI\_ISL\_455415 | A.p7 or A | S | Africa / Nigeria / Osun State | 29-MAR-2020 |
| hCoV-19/USA/GA-EHC-087I/2020 | EPI\_ISL\_455360 | A.3 | S | North America / USA / Georgia | 10-MAR-2020 |
| hCoV-19/USA/GA-EHC-086H/2020 | EPI\_ISL\_455356 | A.3 | S | North America / USA / Georgia | 10-MAR-2020 |
| hCoV-19/USA/GA-EHC-009I/2020 | EPI\_ISL\_455355 | A.3 | S | North America / USA / Georgia | 13-MAR-2020 |
| hCoV-19/Spain/PaisVasco201388/2020 | EPI\_ISL\_455351 | A.2 | S | Europe / Spain / Basque Country | 29-FEB-2020 |
| hCoV-19/Spain/PaisVasco201385/2020 | EPI\_ISL\_455350 | A.2 | S | Europe / Spain / Basque Country | 29-FEB-2020 |
| hCoV-19/Spain/LaRioja201576/2020 | EPI\_ISL\_455343 | A.2 | S | Europe / Spain / LaRioja | 3-MAR-2020 |
| hCoV-19/Spain/LaRioja201572/2020 | EPI\_ISL\_455342 | SARS-CoV-2 or A | O | Europe / Spain / LaRioja | 3-MAR-2020 |
| hCoV-19/Spain/LaRioja201570/2020 | EPI\_ISL\_455341 | A.2 | S | Europe / Spain / LaRioja | 3-MAR-2020 |
| hCoV-19/Spain/LaRioja201568/2020 | EPI\_ISL\_455340 | A.2 or A | S | Europe / Spain / LaRioja | 5-MAR-2020 |
| hCoV-19/Spain/LaRioja201565/2020 | EPI\_ISL\_455339 | A.2 | S | Europe / Spain / LaRioja | 4-MAR-2020 |
| hCoV-19/Spain/LaRioja201563/2020 | EPI\_ISL\_455338 | A.2 | S | Europe / Spain / LaRioja | 4-MAR-2020 |
| hCoV-19/Spain/LaRioja201334/2020 | EPI\_ISL\_455337 | A.2 | S | Europe / Spain / LaRioja | 1-MAR-2020 |
| hCoV-19/Spain/LaRioja201277/2020 | EPI\_ISL\_455336 | A.2 | S | Europe / Spain / LaRioja | 29-FEB-2020 |
| hCoV-19/Spain/Galicia201863/2020 | EPI\_ISL\_455331 | A.2 | S | Europe / Spain / Galicia | 10-MAR-2020 |
| hCoV-19/Spain/Galicia201796/2020 | EPI\_ISL\_455330 | A.2 | S | Europe / Spain / Galicia | 9-MAR-2020 |
| hCoV-19/Spain/Galicia201793/2020 | EPI\_ISL\_455329 | A.2 | S | Europe / Spain / Galicia | 9-MAR-2020 |
| hCoV-19/Spain/Galicia201792/2020 | EPI\_ISL\_455328 | A.2 | S | Europe / Spain / Galicia | 9-MAR-2020 |
| hCoV-19/Spain/Andalucia201623/2020 | EPI\_ISL\_455322 | A.2 | S | Europe / Spain / Andalusia | 5-MAR-2020 |
| hCoV-19/Spain/Andalucia201622/2020 | EPI\_ISL\_455321 | A.2 | S | Europe / Spain / Andalusia | 5-MAR-2020 |
| hCoV-19/Spain/Andalucia201620/2020 | EPI\_ISL\_455320 | A.2 | S | Europe / Spain / Andalusia | 5-MAR-2020 |
| hCoV-19/Spain/Andalucia201614/2020 | EPI\_ISL\_455317 | A | S | Europe / Spain / Andalusia | 5-MAR-2020 |
| hCoV-19/Spain/Andalucia201613/2020 | EPI\_ISL\_455316 | A.2 | S | Europe / Spain / Andalusia | 5-MAR-2020 |
| hCoV-19/Spain/Andalucia201257/2020 | EPI\_ISL\_455314 | A | S | Europe / Spain / Andalusia | 28-FEB-2020 |
| hCoV-19/Netherlands/NA\_453/2020 | EPI\_ISL\_455255 | A.2 | S | Europe / Netherlands | 30-MAR-2020 |
| hCoV-19/Netherlands/NA\_365/2020 | EPI\_ISL\_455169 | A.2 | S | Europe / Netherlands | 8-APR-2020 |
| hCoV-19/Netherlands/NA\_331/2020 | EPI\_ISL\_455136 | A.2 | S | Europe / Netherlands | 3-APR-2020 |
| hCoV-19/Netherlands/Friesland\_17/2020 | EPI\_ISL\_455120 | A.2 | S | Europe / Netherlands / Friesland | 3-APR-2020 |
| hCoV-19/Netherlands/Friesland\_16/2020 | EPI\_ISL\_455119 | A.2 | S | Europe / Netherlands / Friesland | 1-APR-2020 |
| hCoV-19/Australia/NSW560/2020 | EPI\_ISL\_455099 | A.p7 or A | O | Oceania / Australia / New South Wales / Sydney | 24-MAY-2020 |
| hCoV-19/Australia/NSW559/2020 | EPI\_ISL\_455098 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 22-MAR-2020 |
| hCoV-19/Australia/NSW557/2020 | EPI\_ISL\_455096 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 27-MAR-2020 |
| hCoV-19/Australia/NSW550/2020 | EPI\_ISL\_455089 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 20-MAR-2020 |
| hCoV-19/Australia/NSW549/2020 | EPI\_ISL\_455088 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 21-MAR-2020 |
| hCoV-19/Australia/NSW547/2020 | EPI\_ISL\_455086 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 3-APR-2020 |
| hCoV-19/Australia/NSW543/2020 | EPI\_ISL\_455082 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 31-MAR-2020 |
| hCoV-19/Australia/NSW541/2020 | EPI\_ISL\_455080 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 22-MAR-2020 |
| hCoV-19/Australia/NSW540/2020 | EPI\_ISL\_455079 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 22-MAR-2020 |
| hCoV-19/Australia/NSW539/2020 | EPI\_ISL\_455078 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 25-MAR-2020 |
| hCoV-19/Australia/NSW514/2020 | EPI\_ISL\_455054 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 1-APR-2020 |
| hCoV-19/Australia/NSW505/2020 | EPI\_ISL\_455045 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 27-MAR-2020 |
| hCoV-19/Australia/NSW504/2020 | EPI\_ISL\_455044 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 28-MAR-2020 |
| hCoV-19/Australia/NSW502/2020 | EPI\_ISL\_455042 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 20-MAR-2020 |
| hCoV-19/Australia/NSW501/2020 | EPI\_ISL\_455041 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 23-MAR-2020 |
| hCoV-19/India/GBRC119/2020 | EPI\_ISL\_455016 | A.p7 or A | S | Asia / India / Gujarat / Rajkot | 27-APR-2020 |
| hCoV-19/India/GBRC80/2020 | EPI\_ISL\_455015 | A.p7 or A | S | Asia / India / Gujarat / Rajkot | 28-APR-2020 |
| hCoV-19/Wuhan/HB-WHCM-120/2020 | EPI\_ISL\_454998 | A | S | Asia / China / Hubei / Wuhan | 24-FEB-2020 |
| hCoV-19/Wuhan/HB-WHCM-116/2020 | EPI\_ISL\_454996 | A | S | Asia / China / Hubei / Wuhan | 26-FEB-2020 |
| hCoV-19/Wuhan/HB-WHCM-104/2020 | EPI\_ISL\_454989 | A | S | Asia / China / Hubei / Wuhan | 2-MAR-2020 |
| hCoV-19/Wuhan/HB-WH6-246/2020 | EPI\_ISL\_454983 | A | O | Asia / China / Hubei / Wuhan | 12-MAR-2020 |
| hCoV-19/Wuhan/HB-WH5-238/2020 | EPI\_ISL\_454979 | SARS-CoV-2 or A | O | Asia / China / Hubei / Wuhan | 18-MAR-2020 |
| hCoV-19/Wuhan/HB-WH5-231/2020 | EPI\_ISL\_454974 | A | O | Asia / China / Hubei / Wuhan | 17-FEB-2020 |
| hCoV-19/Wuhan/HB-WH5-229/2020 | EPI\_ISL\_454973 | SARS-CoV-2 or A | O | Asia / China / Hubei / Wuhan | 22-FEB-2020 |
| hCoV-19/Wuhan/HB-WH5-227/2020 | EPI\_ISL\_454972 | A | O | Asia / China / Hubei / Wuhan | 17-MAR-2020 |
| hCoV-19/Wuhan/HB-WH4-201/2020 | EPI\_ISL\_454953 | SARS-CoV-2 or A | O | Asia / China / Hubei / Wuhan | 18-MAR-2020 |
| hCoV-19/Wuhan/HB-WH4-200/2020 | EPI\_ISL\_454952 | SARS-CoV-2 or A | O | Asia / China / Hubei / Wuhan | 19-FEB-2020 |
| hCoV-19/Wuhan/HB-WH3-191/2020 | EPI\_ISL\_454947 | SARS-CoV-2 or A | O | Asia / China / Hubei / Wuhan | 3-MAR-2020 |
| hCoV-19/Wuhan/HB-WH1-143/2020 | EPI\_ISL\_454919 | SARS-CoV-2 or A | O | Asia / China / Hubei / Wuhan | 3-FEB-2020 |
| hCoV-19/Wuhan/HB-WH1-126/2020 | EPI\_ISL\_454907 | A | O | Asia / China / Hubei / Wuhan | 2-MAR-2020 |
| hCoV-19/Wuhan/HB-WH1-124/2020 | EPI\_ISL\_454905 | SARS-CoV-2 or A | O | Asia / China / Hubei / Wuhan | 2-MAR-2020 |
| hCoV-19/USA/NC\_200253/2020 | EPI\_ISL\_454826 | A.3 | S | North America / USA / North Carolina | MAR-2020 |
| hCoV-19/USA/NC\_200252/2020 | EPI\_ISL\_454825 | A.1 | S | North America / USA / North Carolina | MAR-2020 |
| hCoV-19/USA/NC\_200330/2020 | EPI\_ISL\_454824 | A.3 | S | North America / USA / North Carolina | MAR-2020 |
| hCoV-19/USA/NC\_200323/2020 | EPI\_ISL\_454820 | A.1 | S | North America / USA / North Carolina | MAR-2020 |
| hCoV-19/USA/NC\_200312/2020 | EPI\_ISL\_454817 | A.3 | S | North America / USA / North Carolina | MAR-2020 |
| hCoV-19/USA/NC\_200300/2020 | EPI\_ISL\_454814 | A.1 | S | North America / USA / North Carolina | MAR-2020 |
| hCoV-19/USA/NC\_200259/2020 | EPI\_ISL\_454808 | A.3 | S | North America / USA / North Carolina | MAR-2020 |
| hCoV-19/USA/NC\_200255/2020 | EPI\_ISL\_454806 | A.3 | S | North America / USA / North Carolina | MAR-2020 |
| hCoV-19/USA/NC\_200247/2020 | EPI\_ISL\_454804 | A.1 | S | North America / USA / North Carolina | MAR-2020 |
| hCoV-19/USA/NC\_200243/2020 | EPI\_ISL\_454801 | A.3 | S | North America / USA / North Carolina | MAR-2020 |
| hCoV-19/USA/NC\_200242/2020 | EPI\_ISL\_454800 | A.3 | S | North America / USA / North Carolina | MAR-2020 |
| hCoV-19/Netherlands/Utrecht\_10015/2020 | EPI\_ISL\_454764 | A | S | Europe / Netherlands / Utrecht | 16-MAR-2020 |
| hCoV-19/Netherlands/NoordHolland\_10011/2020 | EPI\_ISL\_454760 | A.5 | S | Europe / Netherlands / Utrecht | 14-MAR-2020 |
| hCoV-19/USA/CA-QDX-03-2/2020 | EPI\_ISL\_454693 | A.1 | S | North America / USA / California | 13-MAR-2020 |
| hCoV-19/USA/WA-QDX-02-2/2020 | EPI\_ISL\_454692 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/CA-CZB-1281/2020 | EPI\_ISL\_454639 | A.3 | S | North America / USA / California / Humboldt County | 1-APR-2020 |
| hCoV-19/USA/CA-CZB-1280/2020 | EPI\_ISL\_454638 | A.3 | S | North America / USA / California / Humboldt County | 31-MAR-2020 |
| hCoV-19/USA/CA-CZB-1278/2020 | EPI\_ISL\_454636 | A.1 | S | North America / USA / California / Humboldt County | 27-MAR-2020 |
| hCoV-19/USA/CA-CZB-1168/2020 | EPI\_ISL\_454622 | A.1 | S | North America / USA / California / San Francisco | 27-APR-2020 |
| hCoV-19/USA/CA-CZB-1164/2020 | EPI\_ISL\_454621 | A.1 | S | North America / USA / California / San Francisco | 27-APR-2020 |
| hCoV-19/USA/CA-CZB-1157/2020 | EPI\_ISL\_454618 | A.1 | S | North America / USA / California / San Francisco | 26-APR-2020 |
| hCoV-19/USA/CA-CZB-1153/2020 | EPI\_ISL\_454616 | A.1 | S | North America / USA / California / San Francisco | 26-APR-2020 |
| hCoV-19/Kazakhstan/22044/2020 | EPI\_ISL\_454584 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 21-APR-2020 |
| hCoV-19/Kazakhstan/22001/2020 | EPI\_ISL\_454582 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 23-APR-2020 |
| hCoV-19/Kazakhstan/18287/2020 | EPI\_ISL\_454580 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 16-APR-2020 |
| hCoV-19/Kazakhstan/18148/2020 | EPI\_ISL\_454579 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 16-APR-2020 |
| hCoV-19/Kazakhstan/17920/2020 | EPI\_ISL\_454577 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 15-APR-2020 |
| hCoV-19/Kazakhstan/16183/2020 | EPI\_ISL\_454576 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 14-APR-2020 |
| hCoV-19/Kazakhstan/7341/2020 | EPI\_ISL\_454572 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 25-MAR-2020 |
| hCoV-19/Kazakhstan/7263/2020 | EPI\_ISL\_454571 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 25-MAR-2020 |
| hCoV-19/India/NIV-5104/2020 | EPI\_ISL\_454537 | A.p7 or A | S | Asia / India / Maharashtra | 26-MAR-2020 |
| hCoV-19/India/NIV-5102/2020 | EPI\_ISL\_454536 | A.p7 or A | S | Asia / India / Maharashtra | 26-MAR-2020 |
| hCoV-19/India/NIV-4622/2020 | EPI\_ISL\_454534 | A.p7 or A | S | Asia / India / Maharashtra | 24-MAR-2020 |
| hCoV-19/India/NIV-4369/2020 | EPI\_ISL\_454531 | A.p7 or A | S | Asia / India / Maharashtra | 22-MAR-2020 |
| hCoV-19/Kazakhstan/38533/2020 | EPI\_ISL\_454520 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 26-APR-2020 |
| hCoV-19/Kazakhstan/34391/2020 | EPI\_ISL\_454519 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 26-APR-2020 |
| hCoV-19/Kazakhstan/26829/2020 | EPI\_ISL\_454518 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 26-APR-2020 |
| hCoV-19/Kazakhstan/26828/2020 | EPI\_ISL\_454517 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 26-APR-2020 |
| hCoV-19/Kazakhstan/26827/2020 | EPI\_ISL\_454516 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 26-APR-2020 |
| hCoV-19/Kazakhstan/21927/2020 | EPI\_ISL\_454503 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 22-APR-2020 |
| hCoV-19/Kazakhstan/18243/2020 | EPI\_ISL\_454500 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 16-APR-2020 |
| hCoV-19/Kazakhstan/16537/2020 | EPI\_ISL\_454499 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 16-APR-2020 |
| hCoV-19/Kazakhstan/16238/2020 | EPI\_ISL\_454498 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 14-APR-2020 |
| hCoV-19/Kazakhstan/16173/2020 | EPI\_ISL\_454497 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 14-MAY-2020 |
| hCoV-19/USA/MDH-8137/2020 | EPI\_ISL\_454430 | A.3 | S | North America / USA / Maryland | 13-MAR-2020 |
| hCoV-19/USA/MDH-6572/2020 | EPI\_ISL\_454425 | B.1.5 | G | North America / USA / Maryland | 8-MAR-2020 |
| hCoV-19/Guangdong/MZ02/2020 | EPI\_ISL\_454418 | A | S | Asia / China / Guangdong / Meizhou | 15-FEB-2020 |
| hCoV-19/Guangdong/MZ01/2020 | EPI\_ISL\_454417 | A | S | Asia / China / Guangdong / Meizhou | 13-FEB-2020 |
| hCoV-19/USA/PA-MGEL110/2020 | EPI\_ISL\_454387 | A.3 | S | North America / USA / Pennsylvania / Pittsburgh | 4-APR-2020 |
| hCoV-19/USA/PA-MGEL107/2020 | EPI\_ISL\_454384 | A.3 | S | North America / USA / Pennsylvania / Pittsburgh | 31-MAR-2020 |
| hCoV-19/USA/PA-MGEL81/2020 | EPI\_ISL\_454366 | A.1 | S | North America / USA / Pennsylvania / Pittsburgh | 29-MAR-2020 |
| hCoV-19/USA/PA-MGEL75/2020 | EPI\_ISL\_454361 | A | S | North America / USA / Pennsylvania / Pittsburgh | 23-MAR-2020 |
| hCoV-19/Portugal/PT0501/2020 | EPI\_ISL\_454225 | A.2 | S | Europe / Portugal | 15-MAR-2020 |
| hCoV-19/Portugal/PT0297/2020 | EPI\_ISL\_454013 | A.2 | S | Europe / Portugal | 13-MAR-2020 |
| hCoV-19/Portugal/PT0296/2020 | EPI\_ISL\_454012 | A.2 | S | Europe / Portugal | 13-MAR-2020 |
| hCoV-19/Portugal/PT0295/2020 | EPI\_ISL\_454011 | A.2 | S | Europe / Portugal | 13-MAR-2020 |
| hCoV-19/Portugal/PT0272/2020 | EPI\_ISL\_453986 | A.2 | S | Europe / Portugal | 5-APR-2020 |
| hCoV-19/Portugal/PT0132/2020 | EPI\_ISL\_453848 | A.5 | S | Europe / Portugal | 25-MAR-2020 |
| hCoV-19/Portugal/PT0131/2020 | EPI\_ISL\_453847 | A.5 | S | Europe / Portugal | 25-MAR-2020 |
| hCoV-19/Portugal/PT0130/2020 | EPI\_ISL\_453846 | A.5 | S | Europe / Portugal | 23-MAR-2020 |
| hCoV-19/Portugal/PT0129/2020 | EPI\_ISL\_453845 | A.5 | S | Europe / Portugal | 23-MAR-2020 |
| hCoV-19/Portugal/PT0128/2020 | EPI\_ISL\_453844 | A.5 | S | Europe / Portugal | 23-MAR-2020 |
| hCoV-19/Portugal/PT0124/2020 | EPI\_ISL\_453840 | A.5 | S | Europe / Portugal | 23-MAR-2020 |
| hCoV-19/Portugal/PT0120/2020 | EPI\_ISL\_453836 | A.2 | S | Europe / Portugal | 25-MAR-2020 |
| hCoV-19/Portugal/PT0119/2020 | EPI\_ISL\_453835 | A.2 | S | Europe / Portugal | 25-MAR-2020 |
| hCoV-19/Portugal/PT0100/2020 | EPI\_ISL\_453816 | A.2 | S | Europe / Portugal | 24-MAR-2020 |
| hCoV-19/England/LOND-D604F/2020 | EPI\_ISL\_453464 | A | S | Europe / United Kingdom / England | 19-APR-2020 |
| hCoV-19/England/LIVE-9D484/2020 | EPI\_ISL\_453203 | A.5 | S | Europe / United Kingdom / England | 16-APR-2020 |
| hCoV-19/Scotland/CVR2676/2020 | EPI\_ISL\_453069 | A.2 | S | Europe / United Kingdom / Scotland | 17-APR-2020 |
| hCoV-19/Scotland/CVR2237/2020 | EPI\_ISL\_453030 | A.2 | S | Europe / United Kingdom / Scotland | 12-APR-2020 |
| hCoV-19/Scotland/CVR2236/2020 | EPI\_ISL\_453029 | A.2 | S | Europe / United Kingdom / Scotland | 12-APR-2020 |
| hCoV-19/Scotland/CVR1923/2020 | EPI\_ISL\_453013 | A.2 | S | Europe / United Kingdom / Scotland | 9-APR-2020 |
| hCoV-19/Scotland/CVR1503/2020 | EPI\_ISL\_453008 | A.2 | S | Europe / United Kingdom / Scotland | 3-APR-2020 |
| hCoV-19/Spain/COV000664/2020 | EPI\_ISL\_452786 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 7-MAR-2020 |
| hCoV-19/Spain/COV000665/2020 | EPI\_ISL\_452785 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 6-MAR-2020 |
| hCoV-19/Spain/COV000666/2020 | EPI\_ISL\_452784 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 6-MAR-2020 |
| hCoV-19/Spain/COV000669/2020 | EPI\_ISL\_452783 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 6-MAR-2020 |
| hCoV-19/Spain/COV000670/2020 | EPI\_ISL\_452782 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 6-MAR-2020 |
| hCoV-19/Spain/COV000677/2020 | EPI\_ISL\_452781 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 5-MAR-2020 |
| hCoV-19/Spain/COV000678/2020 | EPI\_ISL\_452780 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 3-MAR-2020 |
| hCoV-19/Spain/COV000682/2020 | EPI\_ISL\_452779 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 6-MAR-2020 |
| hCoV-19/Spain/COV000683/2020 | EPI\_ISL\_452778 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 8-MAR-2020 |
| hCoV-19/Spain/COV000685/2020 | EPI\_ISL\_452777 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 4-MAR-2020 |
| hCoV-19/Spain/COV000686/2020 | EPI\_ISL\_452776 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 4-MAR-2020 |
| hCoV-19/Spain/COV000689/2020 | EPI\_ISL\_452775 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 6-MAR-2020 |
| hCoV-19/Spain/COV000690/2020 | EPI\_ISL\_452774 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 6-MAR-2020 |
| hCoV-19/Spain/COV000691/2020 | EPI\_ISL\_452773 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 6-MAR-2020 |
| hCoV-19/Spain/COV000692/2020 | EPI\_ISL\_452772 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 29-FEB-2020 |
| hCoV-19/Spain/COV000693/2020 | EPI\_ISL\_452771 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 2-MAR-2020 |
| hCoV-19/Spain/COV000694/2020 | EPI\_ISL\_452770 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 4-MAR-2020 |
| hCoV-19/Spain/COV000695/2020 | EPI\_ISL\_452769 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 5-MAR-2020 |
| hCoV-19/Spain/COV000696/2020 | EPI\_ISL\_452768 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 5-MAR-2020 |
| hCoV-19/Spain/COV000697/2020 | EPI\_ISL\_452767 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 5-MAR-2020 |
| hCoV-19/Spain/COV000698/2020 | EPI\_ISL\_452766 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 5-MAR-2020 |
| hCoV-19/Spain/COV000699/2020 | EPI\_ISL\_452765 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 8-MAR-2020 |
| hCoV-19/Spain/COV000702/2020 | EPI\_ISL\_452764 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 4-MAR-2020 |
| hCoV-19/Spain/COV000703/2020 | EPI\_ISL\_452763 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 6-MAR-2020 |
| hCoV-19/Spain/COV000704/2020 | EPI\_ISL\_452762 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 8-MAR-2020 |
| hCoV-19/Spain/COV000705/2020 | EPI\_ISL\_452761 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 3-MAR-2020 |
| hCoV-19/Spain/COV000706/2020 | EPI\_ISL\_452760 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 5-MAR-2020 |
| hCoV-19/Spain/COV000707/2020 | EPI\_ISL\_452759 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 5-MAR-2020 |
| hCoV-19/Spain/COV000708/2020 | EPI\_ISL\_452758 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 3-MAR-2020 |
| hCoV-19/Spain/COV000709/2020 | EPI\_ISL\_452757 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 4-MAR-2020 |
| hCoV-19/Spain/COV000710/2020 | EPI\_ISL\_452756 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 1-MAR-2020 |
| hCoV-19/Spain/COV000712/2020 | EPI\_ISL\_452755 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 7-MAR-2020 |
| hCoV-19/Spain/COV000714/2020 | EPI\_ISL\_452754 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 5-MAR-2020 |
| hCoV-19/Spain/COV000715/2020 | EPI\_ISL\_452753 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 8-MAR-2020 |
| hCoV-19/Spain/COV000716/2020 | EPI\_ISL\_452752 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 5-MAR-2020 |
| hCoV-19/Spain/COV000717/2020 | EPI\_ISL\_452751 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 5-MAR-2020 |
| hCoV-19/Spain/COV000718/2020 | EPI\_ISL\_452750 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 2-MAR-2020 |
| hCoV-19/Spain/COV000721/2020 | EPI\_ISL\_452749 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 7-MAR-2020 |
| hCoV-19/Spain/COV000727/2020 | EPI\_ISL\_452748 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 7-MAR-2020 |
| hCoV-19/Spain/COV000728/2020 | EPI\_ISL\_452747 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 7-MAR-2020 |
| hCoV-19/Spain/COV000729/2020 | EPI\_ISL\_452746 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 7-MAR-2020 |
| hCoV-19/Spain/COV000730/2020 | EPI\_ISL\_452745 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 7-MAR-2020 |
| hCoV-19/Spain/COV000736/2020 | EPI\_ISL\_452744 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 7-MAR-2020 |
| hCoV-19/Spain/COV000737/2020 | EPI\_ISL\_452743 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 7-MAR-2020 |
| hCoV-19/Spain/COV000738/2020 | EPI\_ISL\_452742 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 7-MAR-2020 |
| hCoV-19/Spain/COV000744/2020 | EPI\_ISL\_452741 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 8-MAR-2020 |

The following pandemic sequences contain ORF 8 replacement L84S

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| **Virus name** | **GISAID ID** | **Lineage** | **GISAID Clade** | **Location** | **Collection date** |
| --- | --- | --- | --- | --- | --- |
| hCoV-19/Spain/COV000748/2020 | EPI\_ISL\_452740 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 7-MAR-2020 |
| hCoV-19/Spain/COV000749/2020 | EPI\_ISL\_452739 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 8-MAR-2020 |
| hCoV-19/Spain/COV000750/2020 | EPI\_ISL\_452738 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 8-MAR-2020 |
| hCoV-19/Spain/COV000751/2020 | EPI\_ISL\_452737 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 5-MAR-2020 |
| hCoV-19/Spain/COV000752/2020 | EPI\_ISL\_452736 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 5-MAR-2020 |
| hCoV-19/Spain/COV000754/2020 | EPI\_ISL\_452735 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 10-MAR-2020 |
| hCoV-19/Spain/COV000756/2020 | EPI\_ISL\_452734 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 6-MAR-2020 |
| hCoV-19/Spain/COV000758/2020 | EPI\_ISL\_452733 | A.5 | S | Europe / Spain / Basque\_Country / Vitoria | 6-MAR-2020 |
| hCoV-19/Spain/COV000759/2020 | EPI\_ISL\_452732 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 6-MAR-2020 |
| hCoV-19/Spain/COV000760/2020 | EPI\_ISL\_452731 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 10-MAR-2020 |
| hCoV-19/Spain/COV000766/2020 | EPI\_ISL\_452730 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 7-MAR-2020 |
| hCoV-19/Spain/COV000769/2020 | EPI\_ISL\_452729 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 9-MAR-2020 |
| hCoV-19/Spain/COV000775/2020 | EPI\_ISL\_452728 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 9-MAR-2020 |
| hCoV-19/Spain/COV000778/2020 | EPI\_ISL\_452727 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 9-MAR-2020 |
| hCoV-19/Spain/COV000779/2020 | EPI\_ISL\_452726 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 9-MAR-2020 |
| hCoV-19/Spain/COV000783/2020 | EPI\_ISL\_452725 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 6-MAR-2020 |
| hCoV-19/Spain/COV000784/2020 | EPI\_ISL\_452724 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 9-MAR-2020 |
| hCoV-19/Spain/COV000786/2020 | EPI\_ISL\_452723 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 9-MAR-2020 |
| hCoV-19/Spain/COV000792/2020 | EPI\_ISL\_452722 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 9-MAR-2020 |
| hCoV-19/Spain/COV000793/2020 | EPI\_ISL\_452721 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 9-MAR-2020 |
| hCoV-19/Spain/COV000794/2020 | EPI\_ISL\_452720 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 9-MAR-2020 |
| hCoV-19/Spain/COV000796/2020 | EPI\_ISL\_452719 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 8-MAR-2020 |
| hCoV-19/Spain/COV000804/2020 | EPI\_ISL\_452718 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 8-MAR-2020 |
| hCoV-19/Spain/COV000805/2020 | EPI\_ISL\_452717 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 8-MAR-2020 |
| hCoV-19/Spain/COV000806/2020 | EPI\_ISL\_452716 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 8-MAR-2020 |
| hCoV-19/Spain/COV000812/2020 | EPI\_ISL\_452715 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 9-MAR-2020 |
| hCoV-19/Spain/COV000814/2020 | EPI\_ISL\_452714 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 10-MAR-2020 |
| hCoV-19/Spain/COV000815/2020 | EPI\_ISL\_452713 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 10-MAR-2020 |
| hCoV-19/Spain/COV000816/2020 | EPI\_ISL\_452712 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 10-MAR-2020 |
| hCoV-19/Spain/COV000817/2020 | EPI\_ISL\_452711 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 10-MAR-2020 |
| hCoV-19/Spain/COV000822/2020 | EPI\_ISL\_452710 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 10-MAR-2020 |
| hCoV-19/Spain/COV000829/2020 | EPI\_ISL\_452709 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 10-MAR-2020 |
| hCoV-19/Spain/COV000830/2020 | EPI\_ISL\_452708 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 10-MAR-2020 |
| hCoV-19/Spain/COV000835/2020 | EPI\_ISL\_452707 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 10-MAR-2020 |
| hCoV-19/Spain/COV000839/2020 | EPI\_ISL\_452706 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 11-MAR-2020 |
| hCoV-19/Spain/COV000840/2020 | EPI\_ISL\_452705 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 11-MAR-2020 |
| hCoV-19/Spain/COV000842/2020 | EPI\_ISL\_452704 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 11-MAR-2020 |
| hCoV-19/Spain/COV000843/2020 | EPI\_ISL\_452703 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 11-MAR-2020 |
| hCoV-19/Spain/COV000845/2020 | EPI\_ISL\_452702 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 11-MAR-2020 |
| hCoV-19/Spain/COV000847/2020 | EPI\_ISL\_452701 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 11-MAR-2020 |
| hCoV-19/Spain/COV000851/2020 | EPI\_ISL\_452700 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 11-MAR-2020 |
| hCoV-19/Spain/COV000852/2020 | EPI\_ISL\_452699 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 11-MAR-2020 |
| hCoV-19/Spain/COV000853/2020 | EPI\_ISL\_452698 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 11-MAR-2020 |
| hCoV-19/Spain/COV000855/2020 | EPI\_ISL\_452697 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 11-MAR-2020 |
| hCoV-19/Spain/COV000856/2020 | EPI\_ISL\_452696 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 11-MAR-2020 |
| hCoV-19/Spain/COV000857/2020 | EPI\_ISL\_452695 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV000858/2020 | EPI\_ISL\_452694 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 12-MAR-2020 |
| hCoV-19/Spain/COV000859/2020 | EPI\_ISL\_452693 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 11-MAR-2020 |
| hCoV-19/Spain/COV000860/2020 | EPI\_ISL\_452692 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria\_h | 29-FEB-2020 |
| hCoV-19/Spain/COV000865/2020 | EPI\_ISL\_452690 | A.2 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 25-MAR-2020 |
| hCoV-19/Spain/COV000871/2020 | EPI\_ISL\_452685 | A.2 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 25-MAR-2020 |
| hCoV-19/Spain/COV000881/2020 | EPI\_ISL\_452678 | A.5 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 25-MAR-2020 |
| hCoV-19/Spain/COV000882/2020 | EPI\_ISL\_452677 | A.5 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 25-MAR-2020 |
| hCoV-19/Spain/COV000883/2020 | EPI\_ISL\_452676 | A.2 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 25-MAR-2020 |
| hCoV-19/Spain/COV000887/2020 | EPI\_ISL\_452675 | A.2 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 25-MAR-2020 |
| hCoV-19/Spain/COV000890/2020 | EPI\_ISL\_452673 | A.2 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 26-MAR-2020 |
| hCoV-19/Spain/COV000896/2020 | EPI\_ISL\_452667 | A.2 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 26-MAR-2020 |
| hCoV-19/Spain/COV000905/2020 | EPI\_ISL\_452662 | A.5 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 26-MAR-2020 |
| hCoV-19/Spain/COV000907/2020 | EPI\_ISL\_452660 | A.2 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 26-MAR-2020 |
| hCoV-19/Spain/COV000922/2020 | EPI\_ISL\_452649 | A.5 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 27-MAR-2020 |
| hCoV-19/Spain/COV000923/2020 | EPI\_ISL\_452648 | A.5 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 27-MAR-2020 |
| hCoV-19/Spain/COV000934/2020 | EPI\_ISL\_452638 | A.2 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 27-MAR-2020 |
| hCoV-19/Spain/COV000935/2020 | EPI\_ISL\_452637 | A.2 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 27-MAR-2020 |
| hCoV-19/Spain/COV000940/2020 | EPI\_ISL\_452632 | A.5 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 28-MAR-2020 |
| hCoV-19/Spain/COV000944/2020 | EPI\_ISL\_452628 | A.2 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 28-MAR-2020 |
| hCoV-19/Spain/COV000948/2020 | EPI\_ISL\_452625 | A.5 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 28-MAR-2020 |
| hCoV-19/Spain/COV000949/2020 | EPI\_ISL\_452624 | A.5 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 28-MAR-2020 |
| hCoV-19/Spain/COV000957/2020 | EPI\_ISL\_452618 | A.5 | S | Europe / Spain / Basque\_Country / Donostia-San\_Sebastian | 28-MAR-2020 |
| hCoV-19/Spain/COV001058/2020 | EPI\_ISL\_452614 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 1-APR-2020 |
| hCoV-19/Spain/COV001076/2020 | EPI\_ISL\_452608 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 27-MAR-2020 |
| hCoV-19/Spain/COV001086/2020 | EPI\_ISL\_452600 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 27-MAR-2020 |
| hCoV-19/Spain/COV001087/2020 | EPI\_ISL\_452599 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 27-MAR-2020 |
| hCoV-19/Spain/COV001092/2020 | EPI\_ISL\_452594 | A.5 | S | Europe / Spain / Andalusia / Sevilla | 27-MAR-2020 |
| hCoV-19/Spain/COV001096/2020 | EPI\_ISL\_452591 | A.5 | S | Europe / Spain / Andalusia / Sevilla | 27-MAR-2020 |
| hCoV-19/Spain/COV001099/2020 | EPI\_ISL\_452588 | A.5 | S | Europe / Spain / Andalusia / Sevilla | 29-MAR-2020 |
| hCoV-19/Spain/COV001117/2020 | EPI\_ISL\_452584 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 28-MAR-2020 |
| hCoV-19/Spain/COV001120/2020 | EPI\_ISL\_452581 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 28-MAR-2020 |
| hCoV-19/Spain/COV001169/2020 | EPI\_ISL\_452570 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 26-MAR-2020 |
| hCoV-19/Spain/COV001171/2020 | EPI\_ISL\_452568 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 26-MAR-2020 |
| hCoV-19/Spain/COV001191/2020 | EPI\_ISL\_452566 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 25-MAR-2020 |
| hCoV-19/Spain/COV001192/2020 | EPI\_ISL\_452565 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 25-MAR-2020 |
| hCoV-19/Spain/COV001209/2020 | EPI\_ISL\_452561 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 24-MAR-2020 |
| hCoV-19/Spain/COV001213/2020 | EPI\_ISL\_452559 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 24-MAR-2020 |
| hCoV-19/Spain/COV001216/2020 | EPI\_ISL\_452557 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 24-MAR-2020 |
| hCoV-19/Spain/COV001320/2020 | EPI\_ISL\_452553 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 23-MAR-2020 |
| hCoV-19/Spain/COV001325/2020 | EPI\_ISL\_452548 | A.5 | S | Europe / Spain / Andalusia / Sevilla | 23-MAR-2020 |
| hCoV-19/Spain/COV001326/2020 | EPI\_ISL\_452547 | A.5 | S | Europe / Spain / Andalusia / Sevilla | 23-MAR-2020 |
| hCoV-19/Spain/COV001328/2020 | EPI\_ISL\_452545 | A.2 | S | Europe / Spain / Andalusia / Sevilla | 23-MAR-2020 |
| hCoV-19/Spain/COV001358/2020 | EPI\_ISL\_452543 | A.2 | S | Europe / Spain / Navarra / Pamplona | 8-MAR-2020 |
| hCoV-19/Spain/COV001359/2020 | EPI\_ISL\_452542 | A.2 | S | Europe / Spain / Navarra / Pamplona | 9-MAR-2020 |
| hCoV-19/Spain/COV001360/2020 | EPI\_ISL\_452541 | A.5 | S | Europe / Spain / Navarra / Baranain | 10-MAR-2020 |
| hCoV-19/Spain/COV001361/2020 | EPI\_ISL\_452540 | A.2 | S | Europe / Spain / Navarra / Pamplona | 10-MAR-2020 |
| hCoV-19/Spain/COV001362/2020 | EPI\_ISL\_452539 | A.5 | S | Europe / Spain / Navarra / Baranain | 10-MAR-2020 |
| hCoV-19/Spain/COV001363/2020 | EPI\_ISL\_452538 | A.5 | S | Europe / Spain / Navarra / Baranain | 10-MAR-2020 |
| hCoV-19/Spain/COV001364/2020 | EPI\_ISL\_452537 | A.2 | S | Europe / Spain / Navarra / Pamplona | 11-MAR-2020 |
| hCoV-19/Spain/COV001365/2020 | EPI\_ISL\_452536 | A.5 | S | Europe / Spain / Navarra / Pamplona | 11-MAR-2020 |
| hCoV-19/Spain/COV001366/2020 | EPI\_ISL\_452535 | A.5 | S | Europe / Spain / Madrid / Alcobendas | 12-MAR-2020 |
| hCoV-19/Spain/COV001367/2020 | EPI\_ISL\_452534 | A.2 | S | Europe / Spain / Madrid / Madrid | 12-MAR-2020 |
| hCoV-19/Spain/COV001372/2020 | EPI\_ISL\_452529 | A.2 | S | Europe / Spain / Madrid / Madrid | 13-MAR-2020 |
| hCoV-19/Spain/COV001375/2020 | EPI\_ISL\_452526 | A.5 | S | Europe / Spain / La\_Rioja / Logrono | 13-MAR-2020 |
| hCoV-19/Spain/COV001376/2020 | EPI\_ISL\_452525 | A.2 | S | Europe / Spain / Navarra / Cizur | 13-MAR-2020 |
| hCoV-19/Spain/COV001378/2020 | EPI\_ISL\_452523 | A.5 | S | Europe / Spain / Navarra / Pamplona | 14-MAR-2020 |
| hCoV-19/Spain/COV001379/2020 | EPI\_ISL\_452522 | A.2 | S | Europe / Spain / Navarra / Pamplona | 14-MAR-2020 |
| hCoV-19/Spain/COV001381/2020 | EPI\_ISL\_452520 | A.2 | S | Europe / Spain / Navarra / Cizur | 14-MAR-2020 |
| hCoV-19/Spain/COV001386/2020 | EPI\_ISL\_452515 | A.2 | S | Europe / Spain / Navarra / Pamplona | 15-MAR-2020 |
| hCoV-19/Spain/COV001389/2020 | EPI\_ISL\_452512 | A.2 | S | Europe / Spain / Navarra / Cizur | 16-MAR-2020 |
| hCoV-19/Spain/COV001393/2020 | EPI\_ISL\_452508 | A.5 | S | Europe / Spain / Navarra / Pamplona | 17-MAR-2020 |
| hCoV-19/Spain/COV001397/2020 | EPI\_ISL\_452504 | A.2 | S | Europe / Spain / Basque\_Country / Vitoria | 18-MAR-2020 |
| hCoV-19/Spain/COV001399/2020 | EPI\_ISL\_452502 | A.2 | S | Europe / Spain / Navarra / Pamplona | 18-MAR-2020 |
| hCoV-19/Spain/COV001400/2020 | EPI\_ISL\_452501 | A.2 | S | Europe / Spain / Navarra / Pamplona | 18-MAR-2020 |
| hCoV-19/Spain/COV001401/2020 | EPI\_ISL\_452500 | A.5 | S | Europe / Spain / Navarra / Cintruenigo | 18-MAR-2020 |
| hCoV-19/Spain/COV001402/2020 | EPI\_ISL\_452499 | A.2 | S | Europe / Spain / Navarra / Noain | 19-MAR-2020 |
| hCoV-19/Spain/COV001407/2020 | EPI\_ISL\_452494 | A.2 | S | Europe / Spain / Navarra / Pamplona | 20-MAR-2020 |
| hCoV-19/Spain/COV001408/2020 | EPI\_ISL\_452493 | A.2 | S | Europe / Spain / Navarra / Peralta | 20-MAR-2020 |
| hCoV-19/Spain/COV001412/2020 | EPI\_ISL\_452489 | A.2 | S | Europe / Spain / Navarra / Pamplona | 20-MAR-2020 |
| hCoV-19/Spain/COV001419/2020 | EPI\_ISL\_452482 | A.2 | S | Europe / Spain / Navarra / Pamplona | 21-MAR-2020 |
| hCoV-19/Spain/COV001420/2020 | EPI\_ISL\_452481 | A.5 | S | Europe / Spain / Navarra / Pamplona | 21-MAR-2020 |
| hCoV-19/Spain/COV001423/2020 | EPI\_ISL\_452478 | A.2 | S | Europe / Spain / Navarra / Torres\_de\_Elorz | 22-MAR-2020 |
| hCoV-19/Spain/COV001879/2020 | EPI\_ISL\_452467 | A.5 | S | Europe / Spain / Andalusia / San\_Fernando | 10-MAR-2020 |
| hCoV-19/Andalusia/COV001884/2020 | EPI\_ISL\_452463 | A.2 | S | Europe / Spain / Andalusia / Cadiz | 12-MAR-2020 |
| hCoV-19/Spain/COV001889/2020 | EPI\_ISL\_452459 | A.5 | S | Europe / Spain / Andalusia / La\_Linea | 13-MAR-2020 |
| hCoV-19/Spain/COV001891/2020 | EPI\_ISL\_452457 | A.5 | S | Europe / Spain / Andalusia / Algeciras | 13-MAR-2020 |
| hCoV-19/Spain/COV001893/2020 | EPI\_ISL\_452455 | A.2 | S | Europe / Spain / Andalusia / La\_Linea | 13-MAR-2020 |
| hCoV-19/Spain/COV001922/2020 | EPI\_ISL\_452452 | A.2 | S | Europe / Spain / Andalusia / Malaga | 7-MAR-2020 |
| hCoV-19/Spain/COV001923/2020 | EPI\_ISL\_452451 | A.2 | S | Europe / Spain / Andalusia / Jerez\_de\_la\_Frontera | 10-MAR-2020 |
| hCoV-19/Spain/COV001924/2020 | EPI\_ISL\_452450 | A.2 | S | Europe / Spain / Andalusia / Malaga | 6-MAR-2020 |
| hCoV-19/Spain/COV001926/2020 | EPI\_ISL\_452448 | A.2 | S | Europe / Spain / Andalusia / Malaga | 11-MAR-2020 |
| hCoV-19/Spain/COV001928/2020 | EPI\_ISL\_452446 | A.2 | S | Europe / Spain / Andalusia / Malaga | 11-MAR-2020 |
| hCoV-19/Spain/COV001929/2020 | EPI\_ISL\_452445 | A.2 | S | Europe / Spain / Andalusia / Malaga | 11-MAR-2020 |
| hCoV-19/Spain/COV001930/2020 | EPI\_ISL\_452444 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Chilches | 9-MAR-2020 |
| hCoV-19/Spain/COV001932/2020 | EPI\_ISL\_452443 | A.2 | S | Europe / Spain / Andalusia / Malaga | 11-MAR-2020 |
| hCoV-19/Spain/COV001934/2020 | EPI\_ISL\_452442 | A.2 | S | Europe / Spain / Andalusia / Rincon\_de\_la\_Victoria | 12-MAR-2020 |
| hCoV-19/Spain/COV001935/2020 | EPI\_ISL\_452441 | A.2 | S | Europe / Spain / Andalusia / Malaga | 12-MAR-2020 |
| hCoV-19/Spain/COV001936/2020 | EPI\_ISL\_452440 | A.2 | S | Europe / Spain / Andalusia / Malaga | 12-MAR-2020 |
| hCoV-19/Spain/COV001939/2020 | EPI\_ISL\_452438 | A.2 | S | Europe / Spain / Andalusia / Malaga | 12-MAR-2020 |
| hCoV-19/Spain/COV001940/2020 | EPI\_ISL\_452437 | A.2 | S | Europe / Spain / Andalusia / Malaga | 12-MAR-2020 |
| hCoV-19/Spain/COV001941/2020 | EPI\_ISL\_452436 | A.2 | S | Europe / Spain / Andalusia / Cadiz | 12-MAR-2020 |
| hCoV-19/Spain/COV001942/2020 | EPI\_ISL\_452435 | A.2 | S | Europe / Spain / Andalusia / Malaga | 12-MAR-2020 |
| hCoV-19/Spain/COV001944/2020 | EPI\_ISL\_452434 | A.2 | S | Europe / Spain / Andalusia / Malaga | 12-MAR-2020 |
| hCoV-19/Spain/COV001946/2020 | EPI\_ISL\_452433 | A.2 | S | Europe / Spain / Andalusia / Malaga\_h | 13-MAR-2020 |
| hCoV-19/Spain/COV001947/2020 | EPI\_ISL\_452432 | A.2 | S | Europe / Spain / Andalusia / Malaga | 13-MAR-2020 |
| hCoV-19/Spain/COV001949/2020 | EPI\_ISL\_452430 | A.2 | S | Europe / Spain / Andalusia / Malaga | 13-MAR-2020 |
| hCoV-19/Spain/COV001950/2020 | EPI\_ISL\_452429 | A.2 | S | Europe / Spain / Andalusia / Malaga | 13-MAR-2020 |
| hCoV-19/Spain/COV001951/2020 | EPI\_ISL\_452428 | A.2 | S | Europe / Spain / Andalusia / Malaga | 13-MAR-2020 |
| hCoV-19/Spain/COV001952/2020 | EPI\_ISL\_452427 | A.2 | S | Europe / Spain / Andalusia / Malaga | 12-MAR-2020 |
| hCoV-19/Sweden/COV001953/2020 | EPI\_ISL\_452426 | A.2 | S | Europe / Sweden / Andalusia / Malaga\_h | 13-MAR-2020 |
| hCoV-19/Spain/COV001954/2020 | EPI\_ISL\_452425 | A.2 | S | Europe / Spain / Andalusia / Malaga\_h | 13-MAR-2020 |
| hCoV-19/Spain/COV001955/2020 | EPI\_ISL\_452424 | A.2 | S | Europe / Spain / Andalusia / Malaga | 13-MAR-2020 |
| hCoV-19/Spain/COV001958/2020 | EPI\_ISL\_452423 | A.2 | S | Europe / Spain / Andalusia / Malaga | 13-MAR-2020 |
| hCoV-19/Spain/COV001959/2020 | EPI\_ISL\_452422 | A.2 | S | Europe / Spain / Andalusia / Malaga | 14-MAR-2020 |
| hCoV-19/Spain/COV001960/2020 | EPI\_ISL\_452421 | A.2 | S | Europe / Spain / Andalusia / Malaga | 14-MAR-2020 |
| hCoV-19/Spain/COV001961/2020 | EPI\_ISL\_452420 | A.2 | S | Europe / Spain / Andalusia / Malaga | 14-MAR-2020 |
| hCoV-19/Spain/COV001962/2020 | EPI\_ISL\_452419 | A.2 | S | Europe / Spain / Andalusia / Malaga | 14-MAR-2020 |
| hCoV-19/Spain/COV001963/2020 | EPI\_ISL\_452418 | A.2 | S | Europe / Spain / Andalusia / Malaga | 14-MAR-2020 |
| hCoV-19/Spain/COV001964/2020 | EPI\_ISL\_452417 | A.2 | S | Europe / Spain / Andalusia / Malaga | 14-MAR-2020 |
| hCoV-19/Spain/COV001965/2020 | EPI\_ISL\_452416 | A.2 | S | Europe / Spain / Andalusia / Malaga | 13-MAR-2020 |
| hCoV-19/Spain/COV001967/2020 | EPI\_ISL\_452415 | A.2 | S | Europe / Spain / Andalusia / Malaga | 14-MAR-2020 |
| hCoV-19/Spain/COV001968/2020 | EPI\_ISL\_452414 | A.2 | S | Europe / Spain / Andalusia / Malaga | 14-MAR-2020 |
| hCoV-19/Spain/COV001969/2020 | EPI\_ISL\_452413 | A.2 | S | Europe / Spain / Andalusia / Almeria | 14-MAR-2020 |
| hCoV-19/Spain/COV001970/2020 | EPI\_ISL\_452412 | A.2 | S | Europe / Spain / Andalusia / Malaga | 14-MAR-2020 |
| hCoV-19/Spain/COV001971/2020 | EPI\_ISL\_452411 | A.2 | S | Europe / Spain / Andalusia / Malaga | 14-MAR-2020 |
| hCoV-19/Spain/COV001973/2020 | EPI\_ISL\_452409 | A.2 | S | Europe / Spain / Andalusia / Malaga | 14-MAR-2020 |
| hCoV-19/Spain/COV001975/2020 | EPI\_ISL\_452408 | A.2 | S | Europe / Spain / Andalusia / Malaga | 15-MAR-2020 |
| hCoV-19/Spain/COV001977/2020 | EPI\_ISL\_452407 | A.2 | S | Europe / Spain / Andalusia / Malaga | 15-MAR-2020 |
| hCoV-19/Spain/COV001978/2020 | EPI\_ISL\_452406 | A.2 | S | Europe / Spain / Andalusia / Malaga | 15-MAR-2020 |
| hCoV-19/Spain/COV001979/2020 | EPI\_ISL\_452405 | A.2 | S | Europe / Spain / Andalusia / Malaga | 15-MAR-2020 |
| hCoV-19/Spain/COV001982/2020 | EPI\_ISL\_452404 | A.2 | S | Europe / Spain / Andalusia / Malaga | 15-MAR-2020 |
| hCoV-19/Spain/COV001983/2020 | EPI\_ISL\_452403 | A.2 | S | Europe / Spain / Andalusia / Malaga | 15-MAR-2020 |
| hCoV-19/Spain/COV001988/2020 | EPI\_ISL\_452402 | A.2 | S | Europe / Spain / Andalusia / Malaga | 15-MAR-2020 |
| hCoV-19/Spain/COV001992/2020 | EPI\_ISL\_452401 | A.2 | S | Europe / Spain / Andalusia / Malaga | 15-MAR-2020 |
| hCoV-19/Spain/COV001993/2020 | EPI\_ISL\_452400 | A.2 | S | Europe / Spain / Andalusia / Malaga | 15-MAR-2020 |
| hCoV-19/Spain/COV001994/2020 | EPI\_ISL\_452399 | A.2 | S | Europe / Spain / Andalusia / Torremolinos | 16-MAR-2020 |
| hCoV-19/Spain/COV002000/2020 | EPI\_ISL\_452398 | A.2 | S | Europe / Spain / Andalusia / Malaga | 16-MAR-2020 |
| hCoV-19/Spain/COV002001/2020 | EPI\_ISL\_452397 | A.2 | S | Europe / Spain / Andalusia / Malaga | 16-MAR-2020 |
| hCoV-19/Spain/COV002025/2020 | EPI\_ISL\_452394 | A.2 | S | Europe / Spain / Andalusia / Benajarafe | 17-MAR-2020 |
| hCoV-19/Spain/COV002026/2020 | EPI\_ISL\_452393 | A.2 | S | Europe / Spain / Andalusia / Malaga | 16-MAR-2020 |
| hCoV-19/Spain/COV002027/2020 | EPI\_ISL\_452392 | A.2 | S | Europe / Spain / Andalusia / Velez\_Malaga | 17-MAR-2020 |
| hCoV-19/Spain/COV002028/2020 | EPI\_ISL\_452391 | A.2 | S | Europe / Spain / Andalusia / Velez\_Malaga | 17-MAR-2020 |
| hCoV-19/Spain/COV002036/2020 | EPI\_ISL\_452389 | A.2 | S | Europe / Spain / Andalusia / Malaga\_h | 17-MAR-2020 |
| hCoV-19/Spain/COV002037/2020 | EPI\_ISL\_452388 | A.2 | S | Europe / Spain / Andalusia / Malaga | 17-MAR-2020 |
| hCoV-19/Spain/COV002038/2020 | EPI\_ISL\_452387 | A.2 | S | Europe / Spain / Andalusia / Malaga | 17-MAR-2020 |
| hCoV-19/Spain/COV002039/2020 | EPI\_ISL\_452386 | A.2 | S | Europe / Spain / Andalusia / Malaga | 17-MAR-2020 |
| hCoV-19/Spain/COV002042/2020 | EPI\_ISL\_452384 | A.2 | S | Europe / Spain / Andalusia / Malaga | 16-MAR-2020 |
| hCoV-19/Spain/COV002044/2020 | EPI\_ISL\_452382 | A.2 | S | Europe / Spain / Andalusia / Malaga | 16-MAR-2020 |
| hCoV-19/Spain/COV002046/2020 | EPI\_ISL\_452381 | A.2 | S | Europe / Spain / Andalusia / Velez\_Malaga | 16-MAR-2020 |
| hCoV-19/Spain/COV002047/2020 | EPI\_ISL\_452380 | A.2 | S | Europe / Spain / Andalusia / Malaga | 16-MAR-2020 |
| hCoV-19/Spain/COV002048/2020 | EPI\_ISL\_452379 | A.2 | S | Europe / Spain / Andalusia / Malaga | 16-MAR-2020 |
| hCoV-19/Spain/COV002049/2020 | EPI\_ISL\_452378 | A.2 | S | Europe / Spain / Andalusia / Malaga | 12-MAR-2020 |
| hCoV-19/Spain/COV002052/2020 | EPI\_ISL\_452377 | A.2 | S | Europe / Spain / Andalusia / Malaga | 15-MAR-2020 |
| hCoV-19/Spain/COV002053/2020 | EPI\_ISL\_452376 | A.2 | S | Europe / Spain / Andalusia / Velez\_Malaga | 15-MAR-2020 |
| hCoV-19/Spain/COV002054/2020 | EPI\_ISL\_452375 | A.2 | S | Europe / Spain / Andalusia / Velez\_Malaga | 15-MAR-2020 |
| hCoV-19/Spain/COV002055/2020 | EPI\_ISL\_452374 | A.2 | S | Europe / Spain / Andalusia / Velez\_Malaga | 15-MAR-2020 |
| hCoV-19/Spain/COV002056/2020 | EPI\_ISL\_452373 | A.2 | S | Europe / Spain / Andalusia / Malaga | 28-MAR-2020 |
| hCoV-19/Spain/COV002057/2020 | EPI\_ISL\_452372 | A.2 | S | Europe / Spain / Andalusia / Malaga | 28-MAR-2020 |
| hCoV-19/Spain/COV002058/2020 | EPI\_ISL\_452371 | A.2 | S | Europe / Spain / Andalusia / Malaga | 1-APR-2020 |
| hCoV-19/Spain/COV002062/2020 | EPI\_ISL\_452368 | A.2 | S | Europe / Spain / Andalusia / Malaga | 11-MAR-2020 |
| hCoV-19/Spain/COV002063/2020 | EPI\_ISL\_452367 | A.2 | S | Europe / Spain / Andalusia / Malaga | 6-APR-2020 |
| hCoV-19/Spain/COV002069/2020 | EPI\_ISL\_452365 | A.2 | S | Europe / Spain / Andalusia / Antequera | 10-APR-2020 |
| hCoV-19/Beijing/DT-WH04/2020 | EPI\_ISL\_452363 | SARS-CoV-2 or A | O | Asia / China / Beijing | 31-JAN-2020 |
| hCoV-19/Beijing/DT-BJ03/2020 | EPI\_ISL\_452361 | SARS-CoV-2 or A | O | Asia / China / Beijing | 11-FEB-2020 |
| hCoV-19/Beijing/DT-travelES02/2020 | EPI\_ISL\_452344 | A.2 | O | Asia / China / Beijing | 12-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20451/2020 | EPI\_ISL\_452325 | A.3 | S | North America / USA / Michigan | 19-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20394/2020 | EPI\_ISL\_452268 | A.3 | S | North America / USA / Michigan | 24-MAR-2020 |
| hCoV-19/Sweden/20-07394/2020 | EPI\_ISL\_452236 | A | S | Europe / Sweden / Skane | 14-APR-2020 |
| hCoV-19/India/NIV-5119/2020 | EPI\_ISL\_452205 | A.p7 or A | S | Asia / India / Maharashtra | 26-MAR-2020 |
| hCoV-19/India/NIV-5109/2020 | EPI\_ISL\_452204 | A.p7 or A | S | Asia / India / Maharashtra | 26-MAR-2020 |
| hCoV-19/India/NIV-4367/2020 | EPI\_ISL\_452203 | A.p7 or A | S | Asia / India / Maharashtra | 22-MAR-2020 |
| hCoV-19/India/NIV-2810/2020 | EPI\_ISL\_452202 | A.1 | S | Asia / India / Maharashtra | 16-MAR-2020 |
| hCoV-19/USA/IL-CDC-1732/2020 | EPI\_ISL\_452134 | A.1 | O | North America / USA / Illinois | 5-MAR-2020 |
| hCoV-19/USA/MN-CDC-0106/2020 | EPI\_ISL\_452133 | A.1 | S | North America / USA / Minnesota | 10-MAR-2020 |
| hCoV-19/USA/IN-CDC-2013/2020 | EPI\_ISL\_452131 | A.3 | O | North America / USA / Indiana | 9-MAR-2020 |
| hCoV-19/USA/CO-CDC-5780/2020 | EPI\_ISL\_452129 | A.1 | O | North America / USA / Colorado | 9-MAR-2020 |
| hCoV-19/USA/CO-CDC-5667/2020 | EPI\_ISL\_452128 | A.1 | O | North America / USA / Colorado | 8-MAR-2020 |
| hCoV-19/USA/CO-CDC-5610/2020 | EPI\_ISL\_452127 | A.1 | O | North America / USA / Colorado | 7-MAR-2020 |
| hCoV-19/USA/GA-CDC-2059/2020 | EPI\_ISL\_452125 | A.3 | O | North America / USA / Georgia | 7-MAR-2020 |
| hCoV-19/USA/NC-CDC-6999/2020 | EPI\_ISL\_452124 | A.1 | S | North America / USA / North Carolina | 3-MAR-2020 |
| hCoV-19/USA/VI-CDC-3688/2020 | EPI\_ISL\_452123 | A.1 | O | North America / USA / Virgin Islands | 23-MAR-2020 |
| hCoV-19/USA/VI-CDC-3705/2020 | EPI\_ISL\_452122 | A.1 | O | North America / USA / Virgin Islands | 23-MAR-2020 |
| hCoV-19/USA/TX-CDC-8001/2020 | EPI\_ISL\_452115 | A.3 | S | North America / USA / Texas | 11-MAR-2020 |
| hCoV-19/USA/MN-CDC-0108/2020 | EPI\_ISL\_452113 | A.3 | O | North America / USA / Minnesota | 10-MAR-2020 |
| hCoV-19/USA/FL-CDC-2718/2020 | EPI\_ISL\_452111 | A.3 | O | North America / USA / Florida | 9-MAR-2020 |
| hCoV-19/Germany/BAV-MVP0173/2020 | EPI\_ISL\_451947 | A.p7 or A | S | Europe / Germany / Bavaria / Munich | 8-APR-2020 |
| hCoV-19/Switzerland/100143/2020 | EPI\_ISL\_451727 | A.2 | S | Europe / Switzerland / Graubunden | 16-MAR-2020 |
| hCoV-19/Australia/NSW374/2020 | EPI\_ISL\_451634 | A.3 | O | Oceania / Australia / New South Wales / Sydney | 21-MAR-2020 |
| hCoV-19/Australia/NSW350/2020 | EPI\_ISL\_451611 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 24-MAR-2020 |
| hCoV-19/Australia/NSW347/2020 | EPI\_ISL\_451608 | A.p7 or A | O | Oceania / Australia / New South Wales / Sydney | 27-MAR-2020 |
| hCoV-19/Australia/NSW335/2020 | EPI\_ISL\_451597 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 8-APR-2020 |
| hCoV-19/Australia/NSW331/2020 | EPI\_ISL\_451593 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 25-MAR-2020 |
| hCoV-19/Australia/NSW330/2020 | EPI\_ISL\_451592 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 20-MAR-2020 |
| hCoV-19/Australia/NSW328/2020 | EPI\_ISL\_451590 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 30-MAR-2020 |
| hCoV-19/Australia/NSW317/2020 | EPI\_ISL\_451580 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 31-MAR-2020 |
| hCoV-19/Australia/NSW307/2020 | EPI\_ISL\_451571 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 2-APR-2020 |
| hCoV-19/Australia/NSW300/2020 | EPI\_ISL\_451564 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 1-APR-2020 |
| hCoV-19/Australia/NSW293/2020 | EPI\_ISL\_451557 | A | O | Oceania / Australia / New South Wales / Sydney | 31-MAR-2020 |
| hCoV-19/Australia/NSW288/2020 | EPI\_ISL\_451552 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 30-MAR-2020 |
| hCoV-19/Australia/NSW285/2020 | EPI\_ISL\_451549 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 1-APR-2020 |
| hCoV-19/Australia/NSW272/2020 | EPI\_ISL\_451537 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 4-APR-2020 |
| hCoV-19/Australia/NSW267/2020 | EPI\_ISL\_451532 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 5-APR-2020 |
| hCoV-19/Australia/NSW257/2020 | EPI\_ISL\_451522 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 26-MAR-2020 |
| hCoV-19/Australia/NSW255/2020 | EPI\_ISL\_451520 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 20-MAR-2020 |
| hCoV-19/Australia/NSW251/2020 | EPI\_ISL\_451516 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 28-MAR-2020 |
| hCoV-19/Australia/NSW250/2020 | EPI\_ISL\_451515 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 29-MAR-2020 |
| hCoV-19/Australia/NSW248/2020 | EPI\_ISL\_451513 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 29-MAR-2020 |
| hCoV-19/Australia/NSW240/2020 | EPI\_ISL\_451506 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 25-MAR-2020 |
| hCoV-19/Australia/NSW230/2020 | EPI\_ISL\_451496 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 31-MAR-2020 |
| hCoV-19/Australia/NSW228/2020 | EPI\_ISL\_451494 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 29-MAR-2020 |
| hCoV-19/Australia/NSW223/2020 | EPI\_ISL\_451489 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 26-MAR-2020 |
| hCoV-19/USA/NY-NYUMC754/2020 | EPI\_ISL\_451468 | A.3 | S | North America / USA / New York / Nassau County | 20-MAR-2020 |
| hCoV-19/USA/NY-NYUMC728/2020 | EPI\_ISL\_451443 | A.3 | S | North America / USA / New York / Nassau County | 26-MAR-2020 |
| hCoV-19/Sichuan/SC-WCH4-293/2020 | EPI\_ISL\_451394 | A | O | Asia / China / Sichuan | 3-FEB-2020 |
| hCoV-19/Sichuan/SC-WCH4-288/2020 | EPI\_ISL\_451390 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 23-JAN-2020 |
| hCoV-19/Sichuan/SC-WCH4-287/2020 | EPI\_ISL\_451389 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 30-JAN-2020 |
| hCoV-19/Sichuan/SC-WCH3-255/2020 | EPI\_ISL\_451384 | A | S | Asia / China / Sichuan | 27-JAN-2020 |
| hCoV-19/Sichuan/SC-WCH3-254/2020 | EPI\_ISL\_451383 | A | S | Asia / China / Sichuan | 2-FEB-2020 |
| hCoV-19/Sichuan/SC-WCH2-006/2020 | EPI\_ISL\_451377 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 8-FEB-2020 |
| hCoV-19/Sichuan/SC-PHCC2-051/2020 | EPI\_ISL\_451371 | A | S | Asia / China / Sichuan | 9-FEB-2020 |
| hCoV-19/Sichuan/SC-PHCC2-050/2020 | EPI\_ISL\_451370 | A | S | Asia / China / Sichuan | 4-FEB-2020 |
| hCoV-19/Sichuan/SC-PHCC2-048/2020 | EPI\_ISL\_451368 | A | S | Asia / China / Sichuan | 14-FEB-2020 |
| hCoV-19/Sichuan/SC-PHCC2-045/2020 | EPI\_ISL\_451365 | A | S | Asia / China / Sichuan | 26-JAN-2020 |
| hCoV-19/Sichuan/SC-PHCC2-040/2020 | EPI\_ISL\_451360 | A | S | Asia / China / Sichuan | 24-JAN-2020 |
| hCoV-19/Sichuan/SC-PHCC1-034/2020 | EPI\_ISL\_451355 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 12-FEB-2020 |
| hCoV-19/Sichuan/SC-PHCC1-033/2020 | EPI\_ISL\_451354 | A | S | Asia / China / Sichuan | 9-FEB-2020 |
| hCoV-19/Sichuan/SC-PHCC1-032/2020 | EPI\_ISL\_451353 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 27-JAN-2020 |
| hCoV-19/Sichuan/SC-PHCC1-027/2020 | EPI\_ISL\_451348 | A | S | Asia / China / Sichuan | 9-FEB-2020 |
| hCoV-19/Sichuan/SC-PHCC1-026/2020 | EPI\_ISL\_451347 | A | O | Asia / China / Sichuan | 20-FEB-2020 |
| hCoV-19/Sichuan/SC-PHCC1-025/2020 | EPI\_ISL\_451346 | A | S | Asia / China / Sichuan | 4-FEB-2020 |
| hCoV-19/Sichuan/SC-NC-078/2020 | EPI\_ISL\_451337 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 30-JAN-2020 |
| hCoV-19/Sichuan/SC-NC-074/2020 | EPI\_ISL\_451333 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 1-FEB-2020 |
| hCoV-19/Sichuan/SC-NC-071/2020 | EPI\_ISL\_451330 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 29-JAN-2020 |
| hCoV-19/Sichuan/SC-MY-059/2020 | EPI\_ISL\_451325 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 31-JAN-2020 |
| hCoV-19/Sichuan/SC-MY-056/2020 | EPI\_ISL\_451322 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 1-FEB-2020 |
| hCoV-19/Sichuan/SC-MY-054/2020 | EPI\_ISL\_451320 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 27-JAN-2020 |
| hCoV-19/Sichuan/SC-MY-053/2020 | EPI\_ISL\_451319 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 27-JAN-2020 |
| hCoV-19/Sichuan/SC-LZ-079/2020 | EPI\_ISL\_451318 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 19-FEB-2020 |
| hCoV-19/Sichuan/SC-GA-066/2020 | EPI\_ISL\_451317 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 3-FEB-2020 |
| hCoV-19/Uganda/UG017/2020 | EPI\_ISL\_451199 | A | S | Africa / Uganda | 20-APR-2020 |
| hCoV-19/Uganda/UG012/2020 | EPI\_ISL\_451194 | A | S | Africa / Uganda | 22-MAR-2020 |
| hCoV-19/Uganda/UG002/2020 | EPI\_ISL\_451184 | A | S | Africa / Uganda | 26-MAR-2020 |
| hCoV-19/Uganda/UG001/2020 | EPI\_ISL\_451183 | A | S | Africa / Uganda | 25-MAR-2020 |
| hCoV-19/Australia/SAP154/2020 | EPI\_ISL\_451148 | A.3 | S | Oceania / Australia / South Australia | 23-MAR-2020 |
| hCoV-19/Australia/SAP137/2020 | EPI\_ISL\_451141 | A.1 | S | Oceania / Australia / South Australia | 26-MAR-2020 |
| hCoV-19/Australia/SAP136/2020 | EPI\_ISL\_451140 | A.2 | S | Oceania / Australia / South Australia | 24-MAR-2020 |
| hCoV-19/Australia/SAP130/2020 | EPI\_ISL\_451137 | A.1 | S | Oceania / Australia / South Australia | 24-MAR-2020 |
| hCoV-19/Australia/SAP125/2020 | EPI\_ISL\_451134 | A.1 | S | Oceania / Australia / South Australia | 21-MAR-2020 |
| hCoV-19/Australia/SAP066/2020 | EPI\_ISL\_451104 | A.2 | S | Oceania / Australia / South Australia | 29-MAR-2020 |
| hCoV-19/Australia/SAP057/2020 | EPI\_ISL\_451096 | A.2 | S | Oceania / Australia / South Australia | 27-MAR-2020 |
| hCoV-19/Australia/SAP047/2020 | EPI\_ISL\_451086 | A.2 | S | Oceania / Australia / South Australia | 24-MAR-2020 |
| hCoV-19/Australia/SAP042/2020 | EPI\_ISL\_451083 | A.1.3 | S | Oceania / Australia / South Australia | 21-MAR-2020 |
| hCoV-19/Australia/SAP037/2020 | EPI\_ISL\_451081 | A.2 | S | Oceania / Australia / South Australia | 20-MAR-2020 |
| hCoV-19/Australia/SAP035/2020 | EPI\_ISL\_451080 | A.2 | S | Oceania / Australia / South Australia | 20-MAR-2020 |
| hCoV-19/Sichuan/SC-WCH2-006/2020 | EPI\_ISL\_451076 | SARS-CoV-2 or A | O | Asia / China / Sichuan | 8-FEB-2020 |
| hCoV-19/USA/FL-BPHL-0115/2020 | EPI\_ISL\_450849 | A.3 | S | North America / USA / Florida | 9-APR-2020 |
| hCoV-19/Sweden/20-07739/2020 | EPI\_ISL\_450816 | A | S | Europe / Sweden / Skane | 22-APR-2020 |
| hCoV-19/USA/PA-CDC-8398/2020 | EPI\_ISL\_450802 | A.3 | O | North America/ USA / Pennsylvania | 31-MAR-2020 |
| hCoV-19/India/GBRC102/2020 | EPI\_ISL\_450791 | A.p7 or A | S | Asia / India / Gujarat / Rajkot | 27-APR-2020 |
| hCoV-19/India/GBRC101/2020 | EPI\_ISL\_450790 | A.p7 or A | S | Asia / India / Gujarat / Rajkot | 28-APR-2020 |
| hCoV-19/USA/MN-MDH-316/2020 | EPI\_ISL\_450774 | A.1 | S | North America / USA / Minnesota | 30-MAR-2020 |
| hCoV-19/USA/MN-MDH-313/2020 | EPI\_ISL\_450773 | A | S | North America / USA / Minnesota | 30-MAR-2020 |
| hCoV-19/USA/MN-MDH-310/2020 | EPI\_ISL\_450771 | A.1 | S | North America / USA / Minnesota | 30-MAR-2020 |
| hCoV-19/USA/MN-MDH-292/2020 | EPI\_ISL\_450761 | A.1 | S | North America / USA / Minnesota | 30-MAR-2020 |
| hCoV-19/USA/MN-MDH-290/2020 | EPI\_ISL\_450759 | A.1 | S | North America / USA / Minnesota | 30-MAR-2020 |
| hCoV-19/USA/MN-MDH-278/2020 | EPI\_ISL\_450752 | A.1 | S | North America / USA / Minnesota | 29-MAR-2020 |
| hCoV-19/USA/MN-MDH-274/2020 | EPI\_ISL\_450748 | A.1 | S | North America / USA / Minnesota | 29-MAR-2020 |
| hCoV-19/Vietnam/HCMC-35019/2020 | EPI\_ISL\_450743 | A.1 | S | Asia / Vietnam / Ho Chi Minh City | 24-MAR-2020 |
| hCoV-19/Vietnam/HCMC-35016/2020 | EPI\_ISL\_450741 | A.2 | S | Asia / Vietnam / Ho Chi Minh City | 20-MAR-2020 |
| hCoV-19/USA/WI-UW-367/2020 | EPI\_ISL\_450721 | A.4 | S | North America / USA / Wisconsin / Dane County | 1-APR-2020 |
| hCoV-19/USA/IL-UW-349/2020 | EPI\_ISL\_450703 | A.3 | S | North America / USA / Illinois | 15-APR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20373/2020 | EPI\_ISL\_450583 | A.3 | S | North America / USA / Michigan | 17-MAR-2020 |
| hCoV-19/USA/UT-03470/2020 | EPI\_ISL\_450539 | A.1 | S | North America / USA / Utah | 15-MAR-2020 |
| hCoV-19/USA/CA-CZB-1228/2020 | EPI\_ISL\_450477 | A | S | North America / USA / California / Santa Clara County | 20-MAR-2020 |
| hCoV-19/USA/CA-CZB-1224/2020 | EPI\_ISL\_450473 | A.1 | S | North America / USA / California / Santa Clara County | 21-MAR-2020 |
| hCoV-19/USA/CA-CZB-1208/2020 | EPI\_ISL\_450457 | A.1 | S | North America / USA / California / Santa Clara County | 23-MAR-2020 |
| hCoV-19/Henan/HN03/2020 | EPI\_ISL\_450442 | A | S | Asia / China / Henan | 24-FEB-2020 |
| hCoV-19/Hong Kong/HKU-904a/2020 | EPI\_ISL\_450412 | A | S | Asia / Hong Kong | 30-JAN-2020 |
| hCoV-19/Bangladesh/BARJ\_CVASU\_CTG\_518/2020 | EPI\_ISL\_450345 | A.p7 or A | S | Asia / Bangladesh / Chattogram | 10-MAY-2020 |
| hCoV-19/Bangladesh/BARJ\_CVASU\_CTG\_506/2020 | EPI\_ISL\_450342 | A.p7 or A | S | Asia / Bangladesh / Chattogram | 8-MAY-2020 |
| hCoV-19/Bangladesh/BARJ\_CVASU\_CTG\_503/2020 | EPI\_ISL\_450341 | A.p7 or A | S | Asia / Bangladesh / Chattogram | 13-MAY-2020 |
| hCoV-19/Bangladesh/BARJ\_CVASU\_CTG\_502/2020 | EPI\_ISL\_450340 | A.p7 or A | S | Asia / Bangladesh / Chattogram | 13-MAY-2020 |
| hCoV-19/Bangladesh/BARJ\_CVASU\_CTG\_501/2020 | EPI\_ISL\_450339 | A.p7 or A | S | Asia / Bangladesh / Chattogram | 10-MAY-2020 |
| hCoV-19/India/CCMB\_NIV4/2020 | EPI\_ISL\_450324 | A.p7 or A | S | Asia / India / Maharashtra | 26-MAR-2020 |
| hCoV-19/Canada/Qc-L00241344/2020 | EPI\_ISL\_450317 | A.5 | S | North America / Canada / Quebec | 27-MAR-2020 |
| hCoV-19/USA/CA-UCSF-UC42/2020 | EPI\_ISL\_450234 | A.1 | O | North America / USA / California / San Francisco County | 14-MAR-2020 |
| hCoV-19/Australia/VIC349/2020 | EPI\_ISL\_450213 | A.3 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC182/2020 | EPI\_ISL\_450212 | A.3 | S | Oceania / Australia / Victoria | 19-MAR-2020 |
| hCoV-19/Jordan/SR-0336/2020 | EPI\_ISL\_450188 | A | S | Asia / Jordan / Amman | 6-APR-2020 |
| hCoV-19/USA/NY-PV09479/2020 | EPI\_ISL\_450151 | A.1 | S | North America / USA / New York / Manhattan | 20-MAR-2020 |
| hCoV-19/USA/NY-PV09472/2020 | EPI\_ISL\_450144 | A.1 | S | North America / USA / New York / Manhattan | 19-MAR-2020 |
| hCoV-19/USA/NY-PV09466/2020 | EPI\_ISL\_450139 | A.3 | S | North America / USA / New York / Bronx | 19-MAR-2020 |
| hCoV-19/USA/NY-PV09452/2020 | EPI\_ISL\_450126 | A | S | North America / USA / New York / Manhattan | 19-MAR-2020 |
| hCoV-19/USA/NY-PV09438/2020 | EPI\_ISL\_450115 | A.3 | S | North America / USA / New York | 10-MAR-2020 |
| hCoV-19/USA/NY-PV09433/2020 | EPI\_ISL\_450110 | A.1 | S | North America / USA / New York / Manhattan | 11-MAR-2020 |
| hCoV-19/USA/NY-PV09423/2020 | EPI\_ISL\_450102 | A | S | North America / USA / New York / Manhattan | 12-MAR-2020 |
| hCoV-19/USA/NY-PV09411/2020 | EPI\_ISL\_450091 | A.1 | S | North America / USA / New York / Manhattan | 11-MAR-2020 |
| hCoV-19/USA/NY-PV09327/2020 | EPI\_ISL\_450016 | A.1 | S | North America / USA / New York / Manhattan | 18-MAR-2020 |
| hCoV-19/USA/WA-S827/2020 | EPI\_ISL\_449997 | A.1 | S | North America / USA / Washington / Yakima County | 16-APR-2020 |
| hCoV-19/USA/WA-S825/2020 | EPI\_ISL\_449995 | A.1 | S | North America / USA / Washington / Yakima County | 16-APR-2020 |
| hCoV-19/USA/WA-S824/2020 | EPI\_ISL\_449994 | A.1 | S | North America / USA / Washington / Yakima County | 17-APR-2020 |
| hCoV-19/USA/WA-S823/2020 | EPI\_ISL\_449993 | A.1 | S | North America / USA / Washington | 16-APR-2020 |
| hCoV-19/USA/WA-S822/2020 | EPI\_ISL\_449992 | A.1 | S | North America / USA / Washington / Yakima County | 16-APR-2020 |
| hCoV-19/USA/WA-S821/2020 | EPI\_ISL\_449991 | A.1 | S | North America / USA / Washington / Yakima County | 16-APR-2020 |
| hCoV-19/USA/WA-S814/2020 | EPI\_ISL\_449984 | A.1 | S | North America / USA / Washington / Yakima County | 17-APR-2020 |
| hCoV-19/USA/WA-S813/2020 | EPI\_ISL\_449983 | A.1 | S | North America / USA / Washington / Yakima County | 15-APR-2020 |
| hCoV-19/USA/WA-S812/2020 | EPI\_ISL\_449982 | A.1 | S | North America / USA / Washington / Yakima County | 15-APR-2020 |
| hCoV-19/USA/WA-S811/2020 | EPI\_ISL\_449981 | A.1 | S | North America / USA / Washington / Yakima County | 16-APR-2020 |
| hCoV-19/USA/WA-S810/2020 | EPI\_ISL\_449980 | A.1 | S | North America / USA / Washington / Yakima County | 15-APR-2020 |
| hCoV-19/USA/WA-S808/2020 | EPI\_ISL\_449978 | A.1 | S | North America / USA / Washington / Yakima County | 15-APR-2020 |
| hCoV-19/USA/WA-S804/2020 | EPI\_ISL\_449974 | A.1 | S | North America / USA / Washington / Yakima County | 15-APR-2020 |
| hCoV-19/USA/WA-S803/2020 | EPI\_ISL\_449973 | A.1 | S | North America / USA / Washington / Yakima County | 16-APR-2020 |
| hCoV-19/USA/WA-S802/2020 | EPI\_ISL\_449972 | A.1 | S | North America / USA / Washington / Yakima County | 16-APR-2020 |
| hCoV-19/USA/WA-S794/2020 | EPI\_ISL\_449964 | A.1 | S | North America / USA / Washington / Yakima County | 14-APR-2020 |
| hCoV-19/USA/WA-S793/2020 | EPI\_ISL\_449963 | A.1 | S | North America / USA / Washington / Yakima County | 15-APR-2020 |
| hCoV-19/USA/WA-S792/2020 | EPI\_ISL\_449962 | A.1 | S | North America / USA / Washington / Yakima County | 15-APR-2020 |
| hCoV-19/USA/WA-S791/2020 | EPI\_ISL\_449961 | A.1 | S | North America / USA / Washington | 11-APR-2020 |
| hCoV-19/USA/WA-S790/2020 | EPI\_ISL\_449960 | A.1 | S | North America / USA / Washington / Yakima County | 15-APR-2020 |
| hCoV-19/USA/WA-S789/2020 | EPI\_ISL\_449959 | A.1 | S | North America / USA / Washington / Yakima County | 15-APR-2020 |
| hCoV-19/USA/WA-S786/2020 | EPI\_ISL\_449956 | A.1 | S | North America / USA / Washington / Yakima County | 14-APR-2020 |
| hCoV-19/USA/WA-S762/2020 | EPI\_ISL\_449932 | A.1 | S | North America / USA / Washington / Yakima County | 14-APR-2020 |
| hCoV-19/USA/WA-S761/2020 | EPI\_ISL\_449931 | A.1 | S | North America / USA / Washington / Yakima County | 14-APR-2020 |
| hCoV-19/USA/WA-S760/2020 | EPI\_ISL\_449930 | A.1 | S | North America / USA / Washington / Yakima County | 14-APR-2020 |
| hCoV-19/USA/WA-S759/2020 | EPI\_ISL\_449929 | A.1 | S | North America / USA / Washington / Yakima County | 14-APR-2020 |
| hCoV-19/USA/WA-S758/2020 | EPI\_ISL\_449928 | A.1 | S | North America / USA / Washington / Yakima County | 13-APR-2020 |
| hCoV-19/USA/WA-S757/2020 | EPI\_ISL\_449927 | A.1 | S | North America / USA / Washington / Yakima County | 13-APR-2020 |
| hCoV-19/USA/WA-S756/2020 | EPI\_ISL\_449926 | A.1 | S | North America / USA / Washington / Yakima County | 14-APR-2020 |
| hCoV-19/USA/WA-S755/2020 | EPI\_ISL\_449925 | A.1 | S | North America / USA / Washington / Yakima County | 14-APR-2020 |
| hCoV-19/USA/WA-S749/2020 | EPI\_ISL\_449919 | A.1 | S | North America / USA / Washington / Yakima County | 12-APR-2020 |
| hCoV-19/USA/WA-S743/2020 | EPI\_ISL\_449913 | A.1 | S | North America / USA / Washington / Yakima County | 13-APR-2020 |
| hCoV-19/USA/WA-S736/2020 | EPI\_ISL\_449906 | A.1 | S | North America / USA / Washington / Yakima County | 13-APR-2020 |
| hCoV-19/USA/WA-S735/2020 | EPI\_ISL\_449905 | A.1 | S | North America / USA / Washington / Yakima County | 13-APR-2020 |
| hCoV-19/USA/WA-S734/2020 | EPI\_ISL\_449904 | A.1 | S | North America / USA / Washington / Yakima County | 13-APR-2020 |
| hCoV-19/USA/WA-S733/2020 | EPI\_ISL\_449903 | A.1 | S | North America / USA / Washington / Yakima County | 13-APR-2020 |
| hCoV-19/USA/WA-S732/2020 | EPI\_ISL\_449902 | A.1 | S | North America / USA / Washington / Yakima County | 13-APR-2020 |
| hCoV-19/USA/WA-S727/2020 | EPI\_ISL\_449897 | A.1 | S | North America / USA / Washington / Yakima County | 10-APR-2020 |
| hCoV-19/USA/WA-S726/2020 | EPI\_ISL\_449896 | A.1 | S | North America / USA / Washington / Yakima County | 11-APR-2020 |
| hCoV-19/USA/WA-S723/2020 | EPI\_ISL\_449893 | A.1 | S | North America / USA / Washington / King County | 9-APR-2020 |
| hCoV-19/USA/WA-S722/2020 | EPI\_ISL\_449892 | A.1 | S | North America / USA / Washington / Yakima County | 12-APR-2020 |
| hCoV-19/USA/WA-S721/2020 | EPI\_ISL\_449891 | A.1 | S | North America / USA / Washington / Yakima County | 12-APR-2020 |
| hCoV-19/USA/WA-S719/2020 | EPI\_ISL\_449889 | A.1 | S | North America / USA / Washington / Yakima County | 11-APR-2020 |
| hCoV-19/USA/WA-S717/2020 | EPI\_ISL\_449887 | A.1 | S | North America / USA / Washington / Yakima County | 11-APR-2020 |
| hCoV-19/USA/WA-S713/2020 | EPI\_ISL\_449883 | A.1 | S | North America / USA / Washington / Pierce County | 8-APR-2020 |
| hCoV-19/USA/WA-S710/2020 | EPI\_ISL\_449880 | A.1 | S | North America / USA / Washington / King County | 7-APR-2020 |
| hCoV-19/USA/WA-S707/2020 | EPI\_ISL\_449877 | A.1 | S | North America / USA / Washington / Yakima County | 7-APR-2020 |
| hCoV-19/USA/WA-S700/2020 | EPI\_ISL\_449870 | A.1 | S | North America / USA / Washington / Yakima County | 9-APR-2020 |
| hCoV-19/USA/WA-S699/2020 | EPI\_ISL\_449869 | A.1 | S | North America / USA / Washington / Yakima County | 11-APR-2020 |
| hCoV-19/USA/WA-S698/2020 | EPI\_ISL\_449868 | A.1 | S | North America / USA / Washington / Yakima County | 8-APR-2020 |
| hCoV-19/USA/WA-S697/2020 | EPI\_ISL\_449867 | A.1 | S | North America / USA / Washington / Yakima County | 8-APR-2020 |
| hCoV-19/USA/WA-S696/2020 | EPI\_ISL\_449866 | A.1 | S | North America / USA / Washington / Yakima County | 9-APR-2020 |
| hCoV-19/USA/WA-S694/2020 | EPI\_ISL\_449864 | A.1 | S | North America / USA / Washington / Yakima County | 8-APR-2020 |
| hCoV-19/USA/WA-S693/2020 | EPI\_ISL\_449863 | A.1 | S | North America / USA / Washington / Yakima County | 8-APR-2020 |
| hCoV-19/USA/WA-S691/2020 | EPI\_ISL\_449861 | A.1 | S | North America / USA / Washington / Yakima County | 8-APR-2020 |
| hCoV-19/USA/WA-S686/2020 | EPI\_ISL\_449856 | A.1 | S | North America / USA / Washington / Yakima County | 8-APR-2020 |
| hCoV-19/USA/WA-S685/2020 | EPI\_ISL\_449855 | A.1 | S | North America / USA / Washington / Yakima County | 11-APR-2020 |
| hCoV-19/USA/WA-S680/2020 | EPI\_ISL\_449850 | A.1 | S | North America / USA / Washington / Yakima County | 8-APR-2020 |
| hCoV-19/USA/WA-S675/2020 | EPI\_ISL\_449845 | A.1 | S | North America / USA / Washington / Yakima County | 8-APR-2020 |
| hCoV-19/USA/WA-S674/2020 | EPI\_ISL\_449844 | A.1 | S | North America / USA / Washington / Yakima County | 8-APR-2020 |
| hCoV-19/USA/WA-S673/2020 | EPI\_ISL\_449843 | A.1 | S | North America / USA / Washington / Yakima County | 8-APR-2020 |
| hCoV-19/USA/WA-S672/2020 | EPI\_ISL\_449842 | A.1 | S | North America / USA / Washington / Yakima County | 8-APR-2020 |
| hCoV-19/USA/UT-01582/2020 | EPI\_ISL\_449827 | A.1 | S | North America / USA / Utah | 7-APR-2020 |
| hCoV-19/USA/UT-01575/2020 | EPI\_ISL\_449823 | A.1 | S | North America / USA / Utah | 7-APR-2020 |
| hCoV-19/USA/UT-01570/2020 | EPI\_ISL\_449820 | A.1 | S | North America / USA / Utah | 7-APR-2020 |
| hCoV-19/USA/UT-01560/2020 | EPI\_ISL\_449815 | A.1 | S | North America / USA / Utah | 7-APR-2020 |
| hCoV-19/England/LIVE-9C519/2020 | EPI\_ISL\_449547 | A | S | Europe / United Kingdom / England | 21-MAR-2020 |
| hCoV-19/Wuhan/WHUH020/2020 | EPI\_ISL\_449486 | A | S | Asia / China / Wuhan | 22-JAN-2020 |
| hCoV-19/Wuhan/WHUH012/2020 | EPI\_ISL\_449485 | A | S | Asia / China / Wuhan | 22-JAN-2020 |
| hCoV-19/Wuhan/WHUH011/2020 | EPI\_ISL\_449484 | A | S | Asia / China / Wuhan | 22-JAN-2020 |
| hCoV-19/Wuhan/WHUH008/2020 | EPI\_ISL\_449483 | A | S | Asia / China / Wuhan | 22-JAN-2020 |
| hCoV-19/Wuhan/WHUH007/2020 | EPI\_ISL\_449482 | A | S | Asia / China / Wuhan | 22-JAN-2020 |
| hCoV-19/Wuhan/WHUH006/2020 | EPI\_ISL\_449481 | A | S | Asia / China / Wuhan | 22-JAN-2020 |
| hCoV-19/Wuhan/WHUH005/2020 | EPI\_ISL\_449480 | A | S | Asia / China / Wuhan | 22-JAN-2020 |
| hCoV-19/Wuhan/WHUH004/2020 | EPI\_ISL\_449479 | A | S | Asia / China / Wuhan | 22-JAN-2020 |
| hCoV-19/Wuhan/WHUH003/2020 | EPI\_ISL\_449478 | A | S | Asia / China / Wuhan | 22-JAN-2020 |
| hCoV-19/Wuhan/WHUH002/2020 | EPI\_ISL\_449477 | A | S | Asia / China / Wuhan | 22-JAN-2020 |
| hCoV-19/Wuhan/WHUH001/2020 | EPI\_ISL\_449476 | A | S | Asia / China / Wuhan | 22-JAN-2020 |
| hCoV-19/England/LIVE-9A5B1/2020 | EPI\_ISL\_449350 | A.2 | S | Europe / United Kingdom / England | 25-MAR-2020 |
| hCoV-19/Scotland/CVR3236/2020 | EPI\_ISL\_449246 | A.5 | S | Europe / United Kingdom / Scotland | 26-APR-2020 |
| hCoV-19/Scotland/CVR3203/2020 | EPI\_ISL\_449222 | A.2 | S | Europe / United Kingdom / Scotland | 27-APR-2020 |
| hCoV-19/England/OXON-AF319/2020 | EPI\_ISL\_448824 | A.2 | S | Europe / United Kingdom / England | 16-MAR-2020 |
| hCoV-19/Scotland/CVR2975/2020 | EPI\_ISL\_448215 | A.5 | S | Europe / United Kingdom / Scotland | 22-APR-2020 |
| hCoV-19/Scotland/CVR2944/2020 | EPI\_ISL\_448209 | A.5 | S | Europe / United Kingdom / Scotland | 22-APR-2020 |
| hCoV-19/Scotland/CVR2853/2020 | EPI\_ISL\_448199 | A.5 | S | Europe / United Kingdom / Scotland | 21-APR-2020 |
| hCoV-19/Scotland/CVR2419/2020 | EPI\_ISL\_448186 | A.2 | S | Europe / United Kingdom / Scotland | 14-APR-2020 |
| hCoV-19/Scotland/CVR2199/2020 | EPI\_ISL\_448159 | A.2 | S | Europe / United Kingdom / Scotland | 11-APR-2020 |
| hCoV-19/Scotland/CVR1958/2020 | EPI\_ISL\_448141 | A.2 | S | Europe / United Kingdom / Scotland | 8-APR-2020 |
| hCoV-19/Scotland/CVR1641/2020 | EPI\_ISL\_448122 | A.2 | S | Europe / United Kingdom / Scotland | 6-APR-2020 |
| hCoV-19/Scotland/CVR1501/2020 | EPI\_ISL\_448117 | A.3 | S | Europe / United Kingdom / Scotland | 3-APR-2020 |
| hCoV-19/Thailand/Bangkok\_1716/2020 | EPI\_ISL\_447920 | A.6 | S | Asia / Thailand / Bangkok | 25-FEB-2020 |
| hCoV-19/Thailand/Bangkok\_580/2020 | EPI\_ISL\_447918 | A | S | Asia / Thailand / Bangkok | 1-FEB-2020 |
| hCoV-19/Thailand/Bangkok\_238/2020 | EPI\_ISL\_447913 | A | S | Asia / Thailand / Bangkok | 31-JAN-2020 |
| hCoV-19/Thailand/Bangkok\_237/2020 | EPI\_ISL\_447912 | A | S | Asia / Thailand / Bangkok | 25-JAN-2020 |
| hCoV-19/Thailand/Nonthaburi\_193/2020 | EPI\_ISL\_447911 | A | S | Asia / Thailand / Nonthaburi | 24-JAN-2020 |
| hCoV-19/Thailand/Siriraj\_5/2020 | EPI\_ISL\_447908 | A.6 | S | Asia / Thailand / Bangkok | 2020 |
| hCoV-19/USA/CA-CZB-1145/2020 | EPI\_ISL\_447896 | A.1 | S | North America / USA / California / Davis | 7-APR-2020 |
| hCoV-19/USA/VT-CDC-0303/2020 | EPI\_ISL\_447846 | A.1 | S | North America / USA / Vermont | 5-MAR-2020 |
| hCoV-19/Greece/145\_34726/2020 | EPI\_ISL\_447836 | A.5 | S | Europe / Greece / Athens | 16-MAR-2020 |
| hCoV-19/Colombia/GUV-92052/2020 | EPI\_ISL\_447757 | A.5 | S | South America / Colombia / Tolima / Ibague | 31-MAR-2020 |
| hCoV-19/Colombia/GUR-0072/2020 | EPI\_ISL\_447734 | A.2 | S | South America / Colombia / Caldas / Anserma | 26-MAR-2020 |
| hCoV-19/Taiwan/NTU18/2020 | EPI\_ISL\_447615 | A.1 | S | Asia / Taiwan / Taipei | 19-MAR-2020 |
| hCoV-19/Taiwan/TSGH-34/2020 | EPI\_ISL\_447593 | A.1 | S | Asia / Taiwan / New Taipei City | 1-APR-2020 |
| hCoV-19/Spain/Valencia603/2020 | EPI\_ISL\_447522 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Sagunt | 1-APR-2020 |
| hCoV-19/Spain/Valencia598/2020 | EPI\_ISL\_447520 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 1-APR-2020 |
| hCoV-19/Spain/Valencia555/2020 | EPI\_ISL\_447495 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Oliva | 27-MAR-2020 |
| hCoV-19/Spain/Valencia549/2020 | EPI\_ISL\_447491 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 26-MAR-2020 |
| hCoV-19/Spain/Valencia548/2020 | EPI\_ISL\_447490 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Benirredra | 26-MAR-2020 |
| hCoV-19/Spain/Valencia541/2020 | EPI\_ISL\_447486 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 29-MAR-2020 |
| hCoV-19/Spain/Valencia539/2020 | EPI\_ISL\_447484 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 29-MAR-2020 |
| hCoV-19/Spain/Valencia537/2020 | EPI\_ISL\_447482 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Albuixech | 29-MAR-2020 |
| hCoV-19/Spain/Valencia536/2020 | EPI\_ISL\_447481 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 29-MAR-2020 |
| hCoV-19/Spain/Valencia470/2020 | EPI\_ISL\_447470 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Canet\_d'En\_Berenguer | 26-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20242/2020 | EPI\_ISL\_447212 | A.3 | S | North America / USA / Michigan | 23-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20231/2020 | EPI\_ISL\_447201 | A.3 | S | North America / USA / Michigan | 22-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20222/2020 | EPI\_ISL\_447192 | A.3 | S | North America / USA / Michigan | 18-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20216/2020 | EPI\_ISL\_447187 | A.2 | S | North America / USA / Michigan | 13-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20202/2020 | EPI\_ISL\_447173 | A.3 | S | North America / USA / Michigan | 19-MAR-2020 |
| hCoV-19/Thailand/Bangkok-0089/2020 | EPI\_ISL\_447029 | A.6 | S | Asia / Thailand / Bangkok | 7-APR-2020 |
| hCoV-19/Thailand/Bangkok-0085/2020 | EPI\_ISL\_447026 | A.6 | S | Asia / Thailand / Bangkok | 3-APR-2020 |
| hCoV-19/Thailand/Bangkok-0083/2020 | EPI\_ISL\_447024 | A.6 | S | Asia / Thailand / Bangkok | 2-APR-2020 |
| hCoV-19/Thailand/Bangkok-0080/2020 | EPI\_ISL\_447021 | A.6 | S | Asia / Thailand / Bangkok | 1-APR-2020 |
| hCoV-19/Thailand/Bangkok-0079/2020 | EPI\_ISL\_447020 | A.6 | S | Asia / Thailand / Bangkok | 1-APR-2020 |
| hCoV-19/Thailand/Bangkok-0065/2020 | EPI\_ISL\_447007 | A.6 | S | Asia / Thailand / Bangkok | 29-MAR-2020 |
| hCoV-19/Thailand/Bangkok-0063/2020 | EPI\_ISL\_447005 | A.6 | S | Asia / Thailand / Bangkok | 29-MAR-2020 |
| hCoV-19/Thailand/Bangkok-0060/2020 | EPI\_ISL\_447002 | A.6 | S | Asia / Thailand / Bangkok | 28-MAR-2020 |
| hCoV-19/Wales/PHWC-31C4E/2020 | EPI\_ISL\_446548 | A.2 | S | Europe / United Kingdom / Wales | 14-APR-2020 |
| hCoV-19/Wales/PHWC-30F46/2020 | EPI\_ISL\_446382 | A.2 | S | Europe / United Kingdom / Wales | 10-APR-2020 |
| hCoV-19/Wales/PHWC-2C903/2020 | EPI\_ISL\_445922 | A.2 | S | Europe / United Kingdom / Wales | 31-MAR-2020 |
| hCoV-19/Chile/Santiago\_62/2020 | EPI\_ISL\_445358 | A.5 | S | South America / Chile / Santiago | 13-MAR-2020 |
| hCoV-19/Chile/Santiago\_43/2020 | EPI\_ISL\_445322 | A.1 | S | South America / Chile / Santiago | 16-MAR-2020 |
| hCoV-19/Chile/Santiago\_27/2020 | EPI\_ISL\_445306 | A.5 | S | South America / Chile / Santiago | 16-MAR-2020 |
| hCoV-19/Chile/Antofagasta\_2/2020 | EPI\_ISL\_445267 | A.5 | S | South America / Chile / Antofagasta | 12-MAR-2020 |
| hCoV-19/Chile/Antofagasta\_1/2020 | EPI\_ISL\_445266 | A.5 | S | South America / Chile / Antofagasta | 12-MAR-2020 |
| hCoV-19/Chile/Santiago\_17/2020 | EPI\_ISL\_445260 | A.2 | S | South America / Chile / Santiago | 11-MAR-2020 |
| hCoV-19/Chile/Santiago\_16/2020 | EPI\_ISL\_445259 | A.2 | S | South America / Chile / Santiago | 10-MAR-2020 |
| hCoV-19/Chile/Santiago\_15/2020 | EPI\_ISL\_445258 | A.2 | S | South America / Chile / Santiago | 11-MAR-2020 |
| hCoV-19/Chile/Santiago\_14/2020 | EPI\_ISL\_445257 | A.5 | S | South America / Chile / Santiago | 10-MAR-2020 |
| hCoV-19/Chile/Santiago\_4/2020 | EPI\_ISL\_445247 | A.2 | S | South America / Chile / Santiago | 8-MAR-2020 |
| hCoV-19/Chile/Santiago\_3/2020 | EPI\_ISL\_445245 | A.2 | S | South America / Chile / Santiago | 6-MAR-2020 |
| hCoV-19/Sweden/20-07741/2020 | EPI\_ISL\_445241 | A | S | Europe / Sweden / Skane | 23-APR-2020 |
| hCoV-19/USA/CA-CZB-1126/2020 | EPI\_ISL\_445174 | A.1 | S | North America / USA / California / San Francisco | 31-MAR-2020 |
| hCoV-19/USA/CA-CZB-1125/2020 | EPI\_ISL\_445173 | A.1 | S | North America / USA / California / San Francisco | 31-MAR-2020 |
| hCoV-19/USA/CA-CZB-1124/2020 | EPI\_ISL\_445172 | A.1 | S | North America / USA / California / San Francisco | 25-MAR-2020 |
| hCoV-19/USA/CA-CZB-1122/2020 | EPI\_ISL\_445170 | A.1 | S | North America / USA / California / San Francisco | 27-MAR-2020 |
| hCoV-19/USA/CA-SR0311/2020 | EPI\_ISL\_445165 | A.1 | S | North America / USA / California / San Diego | 17-MAR-2020 |
| hCoV-19/USA/CA-SR0107/2020 | EPI\_ISL\_445103 | A.1 | S | North America / USA / California / San Diego | 13-MAR-2020 |
| hCoV-19/USA/CA-SR0106/2020 | EPI\_ISL\_445102 | A.1 | S | North America / USA / California / San Diego | 14-MAR-2020 |
| hCoV-19/USA/CA-SR0103/2020 | EPI\_ISL\_445100 | A.1 | S | North America / USA / California / San Diego | 16-MAR-2020 |
| hCoV-19/USA/CA-SR0100/2020 | EPI\_ISL\_445099 | A.1 | S | North America / USA / California / San Diego | 14-MAR-2020 |
| hCoV-19/USA/CA-SR0097/2020 | EPI\_ISL\_445096 | A.1 | S | North America / USA / California / San Diego | 13-MAR-2020 |
| hCoV-19/USA/TX\_GCID\_192000135/2020 | EPI\_ISL\_445084 | A.3 | S | North America / USA / Texas / Houston | 25-MAR-2020 |
| hCoV-19/USA/TX\_GCID\_192000119/2020 | EPI\_ISL\_445082 | A.1 | S | North America / USA / Texas / Houston | 24-MAR-2020 |
| hCoV-19/Luxembourg/LNS7543365/2020 | EPI\_ISL\_445062 | A.2 | S | Europe / Luxembourg | 29-APR-2020 |
| hCoV-19/USA/FL-BPHL-0081/2020 | EPI\_ISL\_445024 | A.3 | S | North America / USA / Florida | 30-APR-2020 |
| hCoV-19/USA/CA\_NHRC\_01/2020 | EPI\_ISL\_444994 | A.1 | S | North America / USA / California | 11-MAR-2020 |
| hCoV-19/Spain/Barcelona\_VH1713/2020 | EPI\_ISL\_444990 | A.2 | S | Europe / Spain / Catalonia | 29-MAR-2020 |
| hCoV-19/Denmark/ALAB-SSI-827/2020 | EPI\_ISL\_444925 | A.2 | S | Europe / Denmark / Unknown | 28-MAR-2020 |
| hCoV-19/USA/NY-NYUMC670/2020 | EPI\_ISL\_444787 | A.1 | S | North America / USA / New York / Nassau County | 14-APR-2020 |
| hCoV-19/USA/NY-NYUMC565/2020 | EPI\_ISL\_444682 | A.3 | S | North America / USA / New York / Brooklyn | 30-MAR-2020 |
| hCoV-19/USA/NY-NYUMC535/2020 | EPI\_ISL\_444652 | A | S | North America / USA / New York / Queens | 30-MAR-2020 |
| hCoV-19/USA/NY-NYUMC520/2020 | EPI\_ISL\_444637 | A.1 | S | North America / USA / New York / Manhattan | 30-MAR-2020 |
| hCoV-19/USA/NY-NYUMC515/2020 | EPI\_ISL\_444632 | A.1 | S | North America / USA / New York / Queens | 30-MAR-2020 |
| hCoV-19/USA/IL-NM0124/2020 | EPI\_ISL\_444606 | A.4 | S | North America / USA / Illinois / Chicago | 20-MAR-2020 |
| hCoV-19/USA/IL-NM0121/2020 | EPI\_ISL\_444604 | A.3 | S | North America / USA / Illinois / Chicago | 21-MAR-2020 |
| hCoV-19/USA/IL-NM0120/2020 | EPI\_ISL\_444603 | A.3 | S | North America / USA / Illinois / Chicago | 21-MAR-2020 |

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| **Virus name** | **GISAID ID** | **Lineage** | **GISAID Clade** | **Location** | **Collection date** |
| --- | --- | --- | --- | --- | --- |
| hCoV-19/USA/IL-NM0119/2020 | EPI\_ISL\_444602 | A.3 | S | North America / USA / Illinois / Chicago | 21-MAR-2020 |
| hCoV-19/USA/IL-NM0118/2020 | EPI\_ISL\_444601 | A.1 | S | North America / USA / Illinois / Chicago | 21-MAR-2020 |
| hCoV-19/USA/IL-NM0113/2020 | EPI\_ISL\_444597 | A.3 | S | North America / USA / Illinois / Chicago | 19-MAR-2020 |
| hCoV-19/USA/IL-NM0112/2020 | EPI\_ISL\_444596 | A.3 | S | North America / USA / Illinois / Chicago | 20-MAR-2020 |
| hCoV-19/USA/IL-NM0109/2020 | EPI\_ISL\_444594 | A.3 | S | North America / USA / Illinois / Chicago | 20-MAR-2020 |
| hCoV-19/USA/IL-NM0108/2020 | EPI\_ISL\_444593 | A.1 | S | North America / USA / Illinois / Chicago | 20-MAR-2020 |
| hCoV-19/USA/IL-NM0105/2020 | EPI\_ISL\_444590 | A | S | North America / USA / Illinois / Chicago | 20-MAR-2020 |
| hCoV-19/USA/IL-NM0103/2020 | EPI\_ISL\_444588 | A | O | North America / USA / Illinois / Chicago | 21-MAR-2020 |
| hCoV-19/USA/IL-NM097/2020 | EPI\_ISL\_444585 | A | O | North America / USA / Illinois / Chicago | 15-MAR-2020 |
| hCoV-19/USA/IL-NM095/2020 | EPI\_ISL\_444583 | A | S | North America / USA / Illinois / Chicago | 19-MAR-2020 |
| hCoV-19/USA/IL-NM087/2020 | EPI\_ISL\_444577 | A.3 | S | North America / USA / Illinois / Chicago | 19-MAR-2020 |
| hCoV-19/USA/IL-NM082/2020 | EPI\_ISL\_444573 | A.3 | S | North America / USA / Illinois / Chicago | 19-MAR-2020 |
| hCoV-19/USA/IL-NM081/2020 | EPI\_ISL\_444572 | A.3 | S | North America / USA / Illinois / Chicago | 19-MAR-2020 |
| hCoV-19/USA/IL-NM074/2020 | EPI\_ISL\_444569 | A.3 | S | North America / USA / Illinois / Chicago | 16-MAR-2020 |
| hCoV-19/USA/IL-NM073/2020 | EPI\_ISL\_444568 | A | S | North America / USA / Illinois / Chicago | 17-MAR-2020 |
| hCoV-19/USA/IL-NM072/2020 | EPI\_ISL\_444567 | A.3 | S | North America / USA / Illinois / Chicago | 18-MAR-2020 |
| hCoV-19/USA/IL-NM071/2020 | EPI\_ISL\_444566 | A.3 | S | North America / USA / Illinois / Chicago | 18-MAR-2020 |
| hCoV-19/USA/IL-NM070/2020 | EPI\_ISL\_444565 | A.3 | S | North America / USA / Illinois / Chicago | 18-MAR-2020 |
| hCoV-19/USA/IL-NM069/2020 | EPI\_ISL\_444564 | A.3 | S | North America / USA / Illinois / Chicago | 18-MAR-2020 |
| hCoV-19/USA/IL-NM068/2020 | EPI\_ISL\_444563 | A.3 | S | North America / USA / Illinois / Chicago | 18-MAR-2020 |
| hCoV-19/USA/IL-NM067/2020 | EPI\_ISL\_444562 | A.3 | S | North America / USA / Illinois / Chicago | 18-MAR-2020 |
| hCoV-19/USA/IL-NM066/2020 | EPI\_ISL\_444561 | A.3 | S | North America / USA / Illinois / Chicago | 18-MAR-2020 |
| hCoV-19/USA/IL-NM064/2020 | EPI\_ISL\_444559 | A.3 | S | North America / USA / Illinois / Chicago | 18-MAR-2020 |
| hCoV-19/USA/IL-NM059/2020 | EPI\_ISL\_444555 | A.3 | S | North America / USA / Illinois / Chicago | 18-MAR-2020 |
| hCoV-19/USA/IL-NM055/2020 | EPI\_ISL\_444551 | A | S | North America / USA / Illinois / Chicago | 14-MAR-2020 |
| hCoV-19/USA/IL-NM053/2020 | EPI\_ISL\_444549 | A.3 | S | North America / USA / Illinois / Chicago | 15-MAR-2020 |
| hCoV-19/USA/IL-NM043/2020 | EPI\_ISL\_444543 | A.3 | S | North America / USA / Illinois / Chicago | 14-MAR-2020 |
| hCoV-19/USA/IL-NM030/2020 | EPI\_ISL\_444539 | A.3 | S | North America / USA / Illinois / Chicago | 16-MAR-2020 |
| hCoV-19/USA/IL-NM022/2020 | EPI\_ISL\_444532 | A.1 | S | North America / USA / Illinois / Chicago | 15-MAR-2020 |
| hCoV-19/USA/IL-NM020/2020 | EPI\_ISL\_444530 | A.3 | S | North America / USA / Illinois / Chicago | 16-MAR-2020 |
| hCoV-19/USA/IL-NM09/2020 | EPI\_ISL\_444522 | A.1 | S | North America / USA / Illinois / Chicago | 17-MAR-2020 |
| hCoV-19/USA/WA-QDX-02/2020 | EPI\_ISL\_444518 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/Uruguay/Mdeo-1/2020 | EPI\_ISL\_444493 | A.5 | S | South America / Uruguay / Montevideo | 13-MAR-2020 |
| hCoV-19/USA/CA-QDX-03/2020 | EPI\_ISL\_444455 | A.1 | S | North America / USA / California | 13-MAR-2020 |
| hCoV-19/England/BIRM-5E73B/2020 | EPI\_ISL\_444300 | A.1 | S | Europe / United Kingdom / England | 23-MAR-2020 |
| hCoV-19/USA/CA-CZB-1111/2020 | EPI\_ISL\_444069 | A.1 | S | North America / USA / California / San Francisco | 30-APR-2020 |
| hCoV-19/USA/CA-CZB-1107/2020 | EPI\_ISL\_444065 | A.1 | S | North America / USA / California / San Francisco | 30-APR-2020 |
| hCoV-19/USA/CA-CZB-1104/2020 | EPI\_ISL\_444062 | A.1 | S | North America / USA / California / San Francisco | 28-APR-2020 |
| hCoV-19/USA/CA-CZB-1100/2020 | EPI\_ISL\_444058 | A.1 | S | North America / USA / California / San Francisco | 28-APR-2020 |
| hCoV-19/USA/CA-CZB-1097/2020 | EPI\_ISL\_444055 | A.1 | S | North America / USA / California / San Francisco | 26-APR-2020 |
| hCoV-19/USA/CA-CZB-1096/2020 | EPI\_ISL\_444054 | A.1 | S | North America / USA / California / San Francisco | 29-APR-2020 |
| hCoV-19/USA/CA-CZB-1093/2020 | EPI\_ISL\_444051 | A.1 | S | North America / USA / California / San Francisco | 27-APR-2020 |
| hCoV-19/England/BRIS-125268/2020 | EPI\_ISL\_444012 | A.2 | S | Europe / United Kingdom / England | 26-MAR-2020 |
| hCoV-19/England/BRIS-124F53/2020 | EPI\_ISL\_443999 | A.2 | S | Europe / United Kingdom / England | 26-MAR-2020 |
| hCoV-19/England/BRIS-124DA4/2020 | EPI\_ISL\_443810 | A.2 | S | Europe / United Kingdom / England | 26-MAR-2020 |
| hCoV-19/England/BRIS-125435/2020 | EPI\_ISL\_443749 | A.2 | S | Europe / United Kingdom / England | 27-MAR-2020 |
| hCoV-19/England/BRIS-1259DC/2020 | EPI\_ISL\_443746 | A.2 | S | Europe / United Kingdom / England | 30-MAR-2020 |
| hCoV-19/England/BRIS-1248FE/2020 | EPI\_ISL\_443688 | A.2 | S | Europe / United Kingdom / England | 25-MAR-2020 |
| hCoV-19/England/CAMB-83357/2020 | EPI\_ISL\_443651 | A.2 | S | Europe / United Kingdom / England | 14-APR-2020 |
| hCoV-19/England/CAMB-84550/2020 | EPI\_ISL\_443544 | A.2 | S | Europe / United Kingdom / England | 16-APR-2020 |
| hCoV-19/USA/MN-UMGC-2/2020 | EPI\_ISL\_443253 | A.1 | S | North America / USA / Minnesota | 4-APR-2020 |
| hCoV-19/Singapore/139/2020 | EPI\_ISL\_443231 | A.5 | S | Asia / Singapore | 17-MAR-2020 |
| hCoV-19/England/CAMB-812A7/2020 | EPI\_ISL\_442876 | A.2 | S | Europe / United Kingdom / England | 11-APR-2020 |
| hCoV-19/England/BRIS-12390B/2020 | EPI\_ISL\_442782 | A.2 | S | Europe / United Kingdom / England | 7-APR-2020 |
| hCoV-19/England/BRIS-123929/2020 | EPI\_ISL\_442670 | A.2 | S | Europe / United Kingdom / England | 7-APR-2020 |
| hCoV-19/England/BRIS-12391A/2020 | EPI\_ISL\_442644 | A.2 | S | Europe / United Kingdom / England | 7-APR-2020 |
| hCoV-19/England/BRIS-1235BC/2020 | EPI\_ISL\_442641 | A.2 | S | Europe / United Kingdom / England | 5-APR-2020 |
| hCoV-19/England/CAMB-7BC93/2020 | EPI\_ISL\_442094 | A.2 | S | Europe / United Kingdom / England | 4-APR-2020 |
| hCoV-19/England/CAMB-7C8CB/2020 | EPI\_ISL\_442076 | A.2 | S | Europe / United Kingdom / England | 5-APR-2020 |
| hCoV-19/England/CAMB-7A4BA/2020 | EPI\_ISL\_441275 | A.2 | S | Europe / United Kingdom / England | 2-APR-2020 |
| hCoV-19/England/LOND-D3631/2020 | EPI\_ISL\_440967 | A.2 | S | Europe / United Kingdom / England | 2-APR-2020 |
| hCoV-19/England/LIVE-9CE87/2020 | EPI\_ISL\_440949 | A.5 | S | Europe / United Kingdom / England | 26-APR-2020 |
| hCoV-19/England/LIVE-9BD4F/2020 | EPI\_ISL\_440912 | A.5 | S | Europe / United Kingdom / England | 19-APR-2020 |
| hCoV-19/England/BRIS-122B06/2020 | EPI\_ISL\_440683 | A.2 | S | Europe / United Kingdom / England | 3-APR-2020 |
| hCoV-19/England/CAMB-751C7/2020 | EPI\_ISL\_440404 | A.1 | S | Europe / United Kingdom / England | 13-MAR-2020 |
| hCoV-19/England/CAMB-72F66/2020 | EPI\_ISL\_440209 | A.2 | S | Europe / United Kingdom / England | 22-MAR-2020 |
| hCoV-19/England/BRIS-1219B2/2020 | EPI\_ISL\_440140 | A.2 | S | Europe / United Kingdom / England | 15-MAR-2020 |
| hCoV-19/England/BRIS-12233B/2020 | EPI\_ISL\_440094 | A.2 | S | Europe / United Kingdom / England | 23-MAR-2020 |
| hCoV-19/England/CAMB-72EE1/2020 | EPI\_ISL\_440055 | A.1 | S | Europe / United Kingdom / England | 23-MAR-2020 |
| hCoV-19/England/BRIS-121F0B/2020 | EPI\_ISL\_440043 | A.2 | S | Europe / United Kingdom / England | 13-MAR-2020 |
| hCoV-19/England/LIVE-9A214/2020 | EPI\_ISL\_439860 | A.5 | S | Europe / United Kingdom / England | 17-APR-2020 |
| hCoV-19/England/LIVE-9A0CF/2020 | EPI\_ISL\_439843 | A.5 | S | Europe / United Kingdom / England | 17-APR-2020 |
| hCoV-19/England/LIVE-9A083/2020 | EPI\_ISL\_439842 | A.5 | S | Europe / United Kingdom / England | 17-APR-2020 |
| hCoV-19/England/LIVE-99FF0/2020 | EPI\_ISL\_439836 | A.5 | S | Europe / United Kingdom / England | 14-APR-2020 |
| hCoV-19/England/CAMB-7233D/2020 | EPI\_ISL\_439651 | A.2 | S | Europe / United Kingdom / England | 25-MAR-2020 |
| hCoV-19/England/CAMB-770D7/2020 | EPI\_ISL\_439517 | A.2 | S | Europe / United Kingdom / England | 1-APR-2020 |
| hCoV-19/England/CAMB-764BE/2020 | EPI\_ISL\_439486 | A.1 | S | Europe / United Kingdom / England | 29-MAR-2020 |
| hCoV-19/England/CAMB-7763F/2020 | EPI\_ISL\_439478 | B or A | O | Europe / United Kingdom / England | 31-MAR-2020 |
| hCoV-19/Scotland/CVR964/2020 | EPI\_ISL\_439139 | A.2 | S | Europe / United Kingdom / Scotland | 28-MAR-2020 |
| hCoV-19/Scotland/CVR951/2020 | EPI\_ISL\_439137 | B.1.5 | S | Europe / United Kingdom / Scotland | 28-MAR-2020 |
| hCoV-19/Scotland/CVR876/2020 | EPI\_ISL\_439126 | A.3 | S | Europe / United Kingdom / Scotland | 27-MAR-2020 |
| hCoV-19/Scotland/CVR802/2020 | EPI\_ISL\_439114 | A.2 | S | Europe / United Kingdom / Scotland | 27-MAR-2020 |
| hCoV-19/Scotland/CVR794/2020 | EPI\_ISL\_439112 | A.2 | S | Europe / United Kingdom / Scotland | 26-MAR-2020 |
| hCoV-19/Scotland/CVR787/2020 | EPI\_ISL\_439110 | A.5 | S | Europe / United Kingdom / Scotland | 27-MAR-2020 |
| hCoV-19/Scotland/CVR746/2020 | EPI\_ISL\_439099 | A.5 | S | Europe / United Kingdom / Scotland | 26-MAR-2020 |
| hCoV-19/Scotland/CVR660/2020 | EPI\_ISL\_439095 | A.2 | S | Europe / United Kingdom / Scotland | 26-MAR-2020 |
| hCoV-19/Scotland/CVR594/2020 | EPI\_ISL\_439089 | A.2 | S | Europe / United Kingdom / Scotland | 25-MAR-2020 |
| hCoV-19/Scotland/CVR3128/2020 | EPI\_ISL\_439040 | A.2 | S | Europe / United Kingdom / Scotland | 27-APR-2020 |
| hCoV-19/Scotland/CVR2921/2020 | EPI\_ISL\_438998 | A.5 | S | Europe / United Kingdom / Scotland | 22-APR-2020 |
| hCoV-19/Scotland/CVR2747/2020 | EPI\_ISL\_438945 | A.2 | S | Europe / United Kingdom / Scotland | 18-APR-2020 |
| hCoV-19/Scotland/CVR2745/2020 | EPI\_ISL\_438943 | A.2 | S | Europe / United Kingdom / Scotland | 18-APR-2020 |
| hCoV-19/Scotland/CVR258/2020 | EPI\_ISL\_438930 | A.5 | S | Europe / United Kingdom / Scotland | 20-MAR-2020 |
| hCoV-19/Scotland/CVR246/2020 | EPI\_ISL\_438911 | A.3 | S | Europe / United Kingdom / Scotland | 19-MAR-2020 |
| hCoV-19/Scotland/CVR2253/2020 | EPI\_ISL\_438882 | A.2 | S | Europe / United Kingdom / Scotland | 12-APR-2020 |
| hCoV-19/Scotland/CVR2246/2020 | EPI\_ISL\_438881 | A.2 | S | Europe / United Kingdom / Scotland | 12-APR-2020 |
| hCoV-19/Scotland/CVR2215/2020 | EPI\_ISL\_438879 | A.2 | S | Europe / United Kingdom / Scotland | 12-APR-2020 |
| hCoV-19/Scotland/CVR1962/2020 | EPI\_ISL\_438863 | A.2 | S | Europe / United Kingdom / Scotland | 8-APR-2020 |
| hCoV-19/Scotland/CVR1931/2020 | EPI\_ISL\_438857 | A.2 | S | Europe / United Kingdom / Scotland | 8-APR-2020 |
| hCoV-19/Scotland/CVR1899/2020 | EPI\_ISL\_438851 | A.2 | S | Europe / United Kingdom / Scotland | 8-APR-2020 |
| hCoV-19/Scotland/CVR1816/2020 | EPI\_ISL\_438849 | A.2 | S | Europe / United Kingdom / Scotland | 7-APR-2020 |
| hCoV-19/Scotland/CVR1615/2020 | EPI\_ISL\_438844 | A.2 | S | Europe / United Kingdom / Scotland | 5-APR-2020 |
| hCoV-19/Scotland/CVR1573/2020 | EPI\_ISL\_438841 | A.3 | S | Europe / United Kingdom / Scotland | 4-APR-2020 |
| hCoV-19/Scotland/CVR1545/2020 | EPI\_ISL\_438838 | A.2 | S | Europe / United Kingdom / Scotland | 4-APR-2020 |
| hCoV-19/Scotland/CVR1507/2020 | EPI\_ISL\_438832 | A.2 | S | Europe / United Kingdom / Scotland | 3-APR-2020 |
| hCoV-19/Scotland/CVR1499/2020 | EPI\_ISL\_438829 | A.3 | S | Europe / United Kingdom / Scotland | 3-APR-2020 |
| hCoV-19/Scotland/CVR1447/2020 | EPI\_ISL\_438814 | A.5 | S | Europe / United Kingdom / Scotland | 1-APR-2020 |
| hCoV-19/Scotland/CVR1263/2020 | EPI\_ISL\_438783 | A.2 | S | Europe / United Kingdom / Scotland | 31-MAR-2020 |
| hCoV-19/Scotland/CVR1257/2020 | EPI\_ISL\_438782 | A.5 | S | Europe / United Kingdom / Scotland | 30-MAR-2020 |
| hCoV-19/Scotland/CVR1256/2020 | EPI\_ISL\_438781 | A.2 | S | Europe / United Kingdom / Scotland | 31-MAR-2020 |
| hCoV-19/Scotland/CVR1232/2020 | EPI\_ISL\_438777 | A.2 | S | Europe / United Kingdom / Scotland | 31-MAR-2020 |
| hCoV-19/Scotland/CVR1179/2020 | EPI\_ISL\_438770 | A.2 | S | Europe / United Kingdom / Scotland | 30-MAR-2020 |
| hCoV-19/Scotland/CVR1148/2020 | EPI\_ISL\_438769 | A.5 | S | Europe / United Kingdom / Scotland | 30-MAR-2020 |
| hCoV-19/Scotland/CVR1113/2020 | EPI\_ISL\_438766 | A.2 | S | Europe / United Kingdom / Scotland | 29-MAR-2020 |
| hCoV-19/Scotland/CVR1043/2020 | EPI\_ISL\_438757 | A.2 | S | Europe / United Kingdom / Scotland | 29-MAR-2020 |
| hCoV-19/England/CAMB-82CC6/2020 | EPI\_ISL\_438679 | A.2 | S | Europe / United Kingdom / England | 22-APR-2020 |
| hCoV-19/England/CAMB-81EC1/2020 | EPI\_ISL\_438591 | A.2 | S | Europe / United Kingdom / England | 22-APR-2020 |
| hCoV-19/England/CAMB-75C20/2020 | EPI\_ISL\_438503 | A.2 | S | Europe / United Kingdom / England | 28-MAR-2020 |
| hCoV-19/England/CAMB-75EDF/2020 | EPI\_ISL\_438393 | A.2 | S | Europe / United Kingdom / England | 29-MAR-2020 |
| hCoV-19/USA/MD-HP00104/2020 | EPI\_ISL\_438246 | A.3 | S | North America / USA / Maryland | 18-MAR-2020 |
| hCoV-19/USA/MD-HP00087/2020 | EPI\_ISL\_438241 | A.3 | S | North America / USA / Maryland | 30-MAR-2020 |
| hCoV-19/USA/MD-HP00076/2020 | EPI\_ISL\_438234 | A.3 | S | North America / USA / Maryland | 11-MAR-2020 |
| hCoV-19/USA/WA-S668/2020 | EPI\_ISL\_438221 | A.1 | S | North America / USA / Washington / Yakima County | 22-APR-2020 |
| hCoV-19/USA/WA-S666/2020 | EPI\_ISL\_438219 | A.1 | S | North America / USA / Washington / Yakima County | 22-APR-2020 |
| hCoV-19/USA/WA-S665/2020 | EPI\_ISL\_438218 | A.1 | S | North America / USA / Washington / Yakima County | 22-APR-2020 |
| hCoV-19/USA/WA-S664/2020 | EPI\_ISL\_438217 | A.1 | S | North America / USA / Washington / Yakima County | 22-APR-2020 |
| hCoV-19/USA/WA-S663/2020 | EPI\_ISL\_438216 | A.1 | S | North America / USA / Washington / Yakima County | 21-APR-2020 |
| hCoV-19/USA/WA-S658/2020 | EPI\_ISL\_438211 | A.1 | S | North America / USA / Washington / Yakima County | 21-APR-2020 |
| hCoV-19/USA/WA-S654/2020 | EPI\_ISL\_438207 | A.1 | S | North America / USA / Washington / Yakima County | 21-APR-2020 |
| hCoV-19/USA/WA-S650/2020 | EPI\_ISL\_438203 | A.1 | S | North America / USA / Washington / Yakima County | 20-APR-2020 |
| hCoV-19/USA/WA-S641/2020 | EPI\_ISL\_438194 | A.1 | S | North America / USA / Washington / Yakima County | 18-APR-2020 |
| hCoV-19/USA/WA-S640/2020 | EPI\_ISL\_438193 | A.1 | S | North America / USA / Washington / Yakima County | 18-APR-2020 |
| hCoV-19/USA/WA-S635/2020 | EPI\_ISL\_438188 | A.1 | S | North America / USA / Washington / Yakima County | 17-APR-2020 |
| hCoV-19/USA/WA-S632/2020 | EPI\_ISL\_438185 | A.1 | S | North America / USA / Washington / Yakima County | 17-APR-2020 |
| hCoV-19/USA/WA-S631/2020 | EPI\_ISL\_438184 | A.1 | S | North America / USA / Washington / Yakima County | 17-APR-2020 |
| hCoV-19/USA/WA-S609/2020 | EPI\_ISL\_438162 | A.1 | S | North America / USA / Washington | 23-APR-2020 |
| hCoV-19/USA/WA-S606/2020 | EPI\_ISL\_438159 | A.1 | S | North America / USA / Washington / King County | 20-APR-2020 |
| hCoV-19/USA/WA-S598/2020 | EPI\_ISL\_438151 | A.1 | S | North America / USA / Washington / King County | 13-APR-2020 |
| hCoV-19/USA/WA-S595/2020 | EPI\_ISL\_438148 | A.1 | S | North America / USA / Washington / King County | 12-APR-2020 |
| hCoV-19/USA/WA-S594/2020 | EPI\_ISL\_438147 | A.1 | S | North America / USA / Washington / King County | 12-APR-2020 |
| hCoV-19/USA/WA-S593/2020 | EPI\_ISL\_438146 | A.1 | S | North America / USA / Washington / King County | 4-APR-2020 |
| hCoV-19/USA/WA-S590/2020 | EPI\_ISL\_438143 | A.1 | S | North America / USA / Washington / King County | 4-APR-2020 |
| hCoV-19/USA/WA-S588/2020 | EPI\_ISL\_438141 | A.1 | S | North America / USA / Washington / King County | 2-APR-2020 |
| hCoV-19/Austria/CeMM0279/2020 | EPI\_ISL\_438106 | A.5 | S | Europe / Austria / Vienna | 25-MAR-2020 |
| hCoV-19/Austria/CeMM0263/2020 | EPI\_ISL\_438092 | A.5 | S | Europe / Austria / Vienna | 23-MAR-2020 |
| hCoV-19/Austria/CeMM0240/2020 | EPI\_ISL\_438070 | A.5 | S | Europe / Austria / Vienna | 20-MAR-2020 |
| hCoV-19/Austria/CeMM0233/2020 | EPI\_ISL\_438065 | A.5 | S | Europe / Austria / Vienna | 18-MAR-2020 |
| hCoV-19/Austria/CeMM0212/2020 | EPI\_ISL\_438048 | A.5 | S | Europe / Austria / Vienna | 16-MAR-2020 |
| hCoV-19/Greece/261\_32221/2020 | EPI\_ISL\_437907 | A.5 | S | Europe / Greece / Athens | 10-MAR-2020 |
| hCoV-19/USA/WA-UW-6562/2020 | EPI\_ISL\_437864 | A.1 | S | North America / USA / Washington | 5-APR-2020 |
| hCoV-19/USA/WA-UW-6547/2020 | EPI\_ISL\_437861 | A.1 | S | North America / USA / Washington | 4-APR-2020 |
| hCoV-19/USA/WA-UW-6527/2020 | EPI\_ISL\_437857 | A.1 | S | North America / USA / Washington | 5-APR-2020 |
| hCoV-19/USA/WA-UW-6488/2020 | EPI\_ISL\_437846 | A.1 | S | North America / USA / Washington | 4-APR-2020 |
| hCoV-19/USA/WA-UW-6484/2020 | EPI\_ISL\_437843 | A.1 | S | North America / USA / Washington | 5-APR-2020 |
| hCoV-19/USA/WA-UW-4317/2020 | EPI\_ISL\_437829 | A.1 | S | North America / USA / Washington | 31-MAR-2020 |
| hCoV-19/USA/WA-UW-4225/2020 | EPI\_ISL\_437824 | A.1 | S | North America / USA / Washington | 31-MAR-2020 |
| hCoV-19/USA/WA-UW-4221/2020 | EPI\_ISL\_437822 | A.1 | S | North America / USA / Washington | 31-MAR-2020 |
| hCoV-19/USA/WA-UW-4067/2020 | EPI\_ISL\_437817 | A.1 | S | North America / USA / Washington | 1-APR-2020 |
| hCoV-19/USA/WA-UW-4065/2020 | EPI\_ISL\_437816 | A.1 | S | North America / USA / Washington | 1-APR-2020 |
| hCoV-19/USA/WA-UW-4061/2020 | EPI\_ISL\_437815 | A.1 | S | North America / USA / Washington | 1-APR-2020 |
| hCoV-19/USA/WA-UW-4051/2020 | EPI\_ISL\_437813 | A.1 | S | North America / USA / Washington | 1-APR-2020 |
| hCoV-19/USA/WA-UW-4046/2020 | EPI\_ISL\_437812 | A.1 | S | North America / USA / Washington | 28-MAR-2020 |
| hCoV-19/USA/WA-UW-4032/2020 | EPI\_ISL\_437810 | A.1 | S | North America / USA / Washington | 29-MAR-2020 |
| hCoV-19/USA/WA-UW-4026/2020 | EPI\_ISL\_437809 | A.1 | S | North America / USA / Washington | 29-MAR-2020 |
| hCoV-19/USA/WA-UW-4014/2020 | EPI\_ISL\_437805 | A.1 | S | North America / USA / Washington | 28-MAR-2020 |
| hCoV-19/USA/WA-UW-4009/2020 | EPI\_ISL\_437804 | A.1 | S | North America / USA / Washington | 29-MAR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah90/2020 | EPI\_ISL\_437761 | A.p7 or A | S | Asia / Saudi Arabia / Makkah | 2-APR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Jeddah76/2020 | EPI\_ISL\_437760 | A.p7 or A | S | Asia / Saudi Arabia / Jeddah | 1-APR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Jeddah75/2020 | EPI\_ISL\_437759 | A.p7 or A | S | Asia / Saudi Arabia / Jeddah | 1-APR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Jeddah70/2020 | EPI\_ISL\_437757 | A.p7 or A | S | Asia / Saudi Arabia / Jeddah | 1-APR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah231/2020 | EPI\_ISL\_437727 | A.p7 or A | S | Asia / Saudi Arabia / Makkah | 16-APR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah229/2020 | EPI\_ISL\_437725 | A | S | Asia / Saudi Arabia / Makkah | 16-APR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah225/2020 | EPI\_ISL\_437722 | A.p7 or A | S | Asia / Saudi Arabia / Makkah | 16-APR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah188/2020 | EPI\_ISL\_437705 | A.p7 or A | S | Asia / Saudi Arabia / Makkah | 14-APR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah178/2020 | EPI\_ISL\_437701 | A.p7 or A | S | Asia / Saudi Arabia / Makkah | 14-APR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah166/2020 | EPI\_ISL\_437698 | A.p7 or A | S | Asia / Saudi Arabia / Makkah | 9-APR-2020 |
| hCoV-19/Poland/Wro-02/2020 | EPI\_ISL\_437625 | A.2 | S | Europe / Poland / Dolnoslakie | 18-MAR-2020 |
| hCoV-19/Thailand/SI200468-NT/2020 | EPI\_ISL\_437620 | A or A.6 | S | Asia / Thailand | 25-JAN-2020 |
| hCoV-19/Thailand/SI202205-NT/2020 | EPI\_ISL\_437616 | A | S | Asia / Thailand | 7-FEB-2020 |
| hCoV-19/Thailand/SI202620-NT/2020 | EPI\_ISL\_437615 | A or A.6 | S | Asia / Thailand | 22-FEB-2020 |
| hCoV-19/Thailand/SI202769-NT/2020 | EPI\_ISL\_437614 | A or A.6 | O | Asia / Thailand | 25-FEB-2020 |
| hCoV-19/Thailand/SI202872-NT/2020 | EPI\_ISL\_437613 | A or A.6 | S | Asia / Thailand | 25-FEB-2020 |
| hCoV-19/Thailand/SI203285-NT/2020 | EPI\_ISL\_437612 | A.6 | S | Asia / Thailand | 23-JAN-2020 |
| hCoV-19/Thailand/SI204514-NT/2020 | EPI\_ISL\_437609 | A.6 | S | Asia / Thailand | 12-MAR-2020 |
| hCoV-19/Thailand/SI204713-NT/2020 | EPI\_ISL\_437608 | A or A.6 | O | Asia / Thailand | 13-MAR-2020 |
| hCoV-19/Thailand/SI205457-NST/2020 | EPI\_ISL\_437607 | A.6 | S | Asia / Thailand | 16-MAR-2020 |
| hCoV-19/Thailand/SI205929-NT/2020 | EPI\_ISL\_437605 | A.6 | S | Asia / Thailand | 18-MAR-2020 |
| hCoV-19/Thailand/SI206377-NST/2020 | EPI\_ISL\_437604 | A.6 | S | Asia / Thailand | 1-MAR-2020 |
| hCoV-19/Thailand/SI206587-NT/2020 | EPI\_ISL\_437603 | A.6 | S | Asia / Thailand | 19-MAR-2020 |
| hCoV-19/Thailand/SI206917-NT/2020 | EPI\_ISL\_437602 | A.6 | S | Asia / Thailand | 20-MAR-2020 |
| hCoV-19/USA/CA-SR0224/2020 | EPI\_ISL\_437576 | A.1 | S | North America / USA / California / San Diego | 2-APR-2020 |
| hCoV-19/USA/CA-SR0247/2020 | EPI\_ISL\_437563 | A.1 | S | North America / USA / California / San Diego | 27-MAR-2020 |
| hCoV-19/USA/OR-OHSU-0051/2020 | EPI\_ISL\_437531 | A.1 | S | North America / USA / Oregon / Washington County | 17-APR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Madinah57/2020 | EPI\_ISL\_437495 | A | S | Asia / Saudi Arabia / Madinah | 29-MAR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Madinah27/2020 | EPI\_ISL\_437484 | A.p7 or A | S | Asia / Saudi Arabia / Madinah | 29-MAR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Jeddah64/2020 | EPI\_ISL\_437475 | A.p7 or A | S | Asia / Saudi Arabia / Jeddah | 1-APR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah18/2020 | EPI\_ISL\_437467 | A.p7 or A | S | Asia / Saudi Arabia / Makkah | 23-MAR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah13/2020 | EPI\_ISL\_437466 | A.p7 or A | S | Asia / Saudi Arabia / Makkah | 23-MAR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah12/2020 | EPI\_ISL\_437465 | A.p7 or A | S | Asia / Saudi Arabia / Makkah | 23-MAR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah06/2020 | EPI\_ISL\_437462 | A.p7 or A | S | Asia / Saudi Arabia / Makkah | 23-MAR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah05/2020 | EPI\_ISL\_437461 | A.p7 or A | S | Asia / Saudi Arabia / Makkah | 23-MAR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah04/2020 | EPI\_ISL\_437460 | A.p7 or A | S | Asia / Saudi Arabia / Makkah | 23-MAR-2020 |
| hCoV-19/Saudi Arabia/KAUST-Makkah03/2020 | EPI\_ISL\_437459 | A.p7 or A | S | Asia / Saudi Arabia / Makkah | 23-MAR-2020 |
| hCoV-19/USA/IN-Lilly-IPB0170-14bc04/2020 | EPI\_ISL\_437455 | A.3 | S | North America / USA / Indiana / Indianapolis | 24-MAR-2020 |
| hCoV-19/India/GBRC13/2020 | EPI\_ISL\_437441 | A.p7 or A | S | Asia / India / Gujarat / Surat | 26-APR-2020 |
| hCoV-19/India/GBRC11/2020 | EPI\_ISL\_437439 | A | S | Asia / India / Gujarat / Surat | 23-APR-2020 |
| hCoV-19/USA/MT-BHDH-074/2020 | EPI\_ISL\_437433 | A.1 | S | North America / USA / Montana | 15-APR-2020 |
| hCoV-19/USA/MN-MDH-666/2020 | EPI\_ISL\_437386 | A.1 | S | North America / USA / Minnesota | 17-APR-2020 |
| hCoV-19/USA/MN-MDH-470/2020 | EPI\_ISL\_437374 | A.3 | S | North America / USA / Minnesota | 10-APR-2020 |
| hCoV-19/USA/MN-MDH-436/2020 | EPI\_ISL\_437373 | A.1 | S | North America / USA / Minnesota | 9-APR-2020 |
| hCoV-19/USA/MN-MDH-374/2020 | EPI\_ISL\_437366 | A.1 | S | North America / USA / Minnesota | 6-APR-2020 |
| hCoV-19/USA/MN-MDH-336/2020 | EPI\_ISL\_437364 | A.1 | S | North America / USA / Minnesota | 2-APR-2020 |
| hCoV-19/USA/MN-MDH-315/2020 | EPI\_ISL\_437363 | A.1 | S | North America / USA / Minnesota | 31-MAR-2020 |
| hCoV-19/USA/MN-MDH-286/2020 | EPI\_ISL\_437362 | A.1 | S | North America / USA / Minnesota | 29-MAR-2020 |
| hCoV-19/USA/MN-MDH-284/2020 | EPI\_ISL\_437361 | A.1 | S | North America / USA / Minnesota | 29-MAR-2020 |
| hCoV-19/Turkey/HSGM-1027/2020 | EPI\_ISL\_437317 | A.p7 | S | Europe / Turkey / Ankara | 27-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20072/2020 | EPI\_ISL\_437159 | A.1 | S | North America / USA / Michigan | 24-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20068/2020 | EPI\_ISL\_437155 | A.1 | S | North America / USA / Michigan | 22-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20058/2020 | EPI\_ISL\_437145 | A.3 | S | North America / USA / Michigan | 21-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20052/2020 | EPI\_ISL\_437139 | A.3 | S | North America / USA / Michigan | 20-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20050/2020 | EPI\_ISL\_437137 | A.3 | S | North America / USA / Michigan | 19-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20042/2020 | EPI\_ISL\_437129 | A.3 | S | North America / USA / Michigan | 19-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20035/2020 | EPI\_ISL\_437122 | A.3 | S | North America / USA / Michigan | 18-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20033/2020 | EPI\_ISL\_437120 | A.1 | S | North America / USA / Michigan | 18-MAR-2020 |
| hCoV-19/USA/UT-01222/2020 | EPI\_ISL\_436907 | A.1 | S | North America / USA / Utah | 8-APR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20181/2020 | EPI\_ISL\_436865 | A.3 | S | North America / USA / Michigan | 25-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20124/2020 | EPI\_ISL\_436850 | A or A.4 | S | North America / USA / Michigan | 24-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20116/2020 | EPI\_ISL\_436847 | A.1 | S | North America / USA / Michigan | 24-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20145/2020 | EPI\_ISL\_436840 | A.1 | S | North America / USA / Michigan | 23-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20132/2020 | EPI\_ISL\_436833 | A.3 | S | North America / USA / Michigan | 22-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20112/2020 | EPI\_ISL\_436828 | A.3 | S | North America / USA / Michigan | 20-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20161/2020 | EPI\_ISL\_436823 | A.1 | S | North America / USA / Michigan | 18-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20139/2020 | EPI\_ISL\_436820 | A.3 | S | North America / USA / Michigan | 17-MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20100/2020 | EPI\_ISL\_436809 | A.1 | S | North America / USA / Michigan | 13-MAR-2020 |
| hCoV-19/USA/NY-NYUMC490/2020 | EPI\_ISL\_436738 | A.1 | S | North America / USA / New York / Brooklyn | 18-MAR-2020 |
| hCoV-19/Australia/VIC1230/2020 | EPI\_ISL\_436688 | A.3 | S | Oceania / Australia / Victoria | 2-APR-2020 |
| hCoV-19/USA/PA-MGSC56-05/2020 | EPI\_ISL\_436503 | A.1 | S | North America / USA / Pennsylvania / Pittsburgh | 25-MAR-2020 |
| hCoV-19/USA/PA-MGSC39-05/2020 | EPI\_ISL\_436487 | A.1 | S | North America / USA / Pennsylvania / Pittsburgh | 27-MAR-2020 |
| hCoV-19/India/NCDC-3279/2020 | EPI\_ISL\_436434 | A.3 | O | Asia / India / Delhi | 5-APR-2020 |
| hCoV-19/Spain/Valencia315/2020 | EPI\_ISL\_436410 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 26-MAR-2020 |
| hCoV-19/Spain/Valencia311/2020 | EPI\_ISL\_436406 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 23-MAR-2020 |
| hCoV-19/Spain/Valencia309/2020 | EPI\_ISL\_436404 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 22-MAR-2020 |
| hCoV-19/Spain/Valencia308/2020 | EPI\_ISL\_436403 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 23-MAR-2020 |
| hCoV-19/Spain/Valencia306/2020 | EPI\_ISL\_436401 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 22-MAR-2020 |
| hCoV-19/Spain/Valencia304/2020 | EPI\_ISL\_436399 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 22-MAR-2020 |
| hCoV-19/Spain/Valencia300/2020 | EPI\_ISL\_436395 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia290/2020 | EPI\_ISL\_436385 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia288/2020 | EPI\_ISL\_436383 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia287/2020 | EPI\_ISL\_436382 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia282/2020 | EPI\_ISL\_436377 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia279/2020 | EPI\_ISL\_436374 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 16-MAR-2020 |
| hCoV-19/Spain/Valencia278/2020 | EPI\_ISL\_436373 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 16-MAR-2020 |
| hCoV-19/Spain/Valencia269/2020 | EPI\_ISL\_436364 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 21-MAR-2020 |
| hCoV-19/Spain/Valencia266/2020 | EPI\_ISL\_436361 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 29-FEB-2020 |
| hCoV-19/Spain/Valencia260/2020 | EPI\_ISL\_436355 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 26-MAR-2020 |
| hCoV-19/Spain/Valencia251/2020 | EPI\_ISL\_436346 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 27-MAR-2020 |
| hCoV-19/Spain/Valencia246/2020 | EPI\_ISL\_436341 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 29-MAR-2020 |
| hCoV-19/Spain/Valencia243/2020 | EPI\_ISL\_436338 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 25-MAR-2020 |
| hCoV-19/Spain/Valencia240/2020 | EPI\_ISL\_436335 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 26-MAR-2020 |
| hCoV-19/Spain/Valencia239/2020 | EPI\_ISL\_436334 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 24-MAR-2020 |
| hCoV-19/Spain/Valencia238/2020 | EPI\_ISL\_436333 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 24-MAR-2020 |
| hCoV-19/Spain/Valencia237/2020 | EPI\_ISL\_436332 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 24-MAR-2020 |
| hCoV-19/Spain/Valencia225/2020 | EPI\_ISL\_436320 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 19-MAR-2020 |
| hCoV-19/Spain/Valencia216/2020 | EPI\_ISL\_436311 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 28-MAR-2020 |
| hCoV-19/Spain/Valencia212/2020 | EPI\_ISL\_436307 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 28-MAR-2020 |
| hCoV-19/Spain/Valencia211/2020 | EPI\_ISL\_436306 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 28-MAR-2020 |
| hCoV-19/Spain/Valencia209/2020 | EPI\_ISL\_436304 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 26-MAR-2020 |
| hCoV-19/Spain/Valencia208/2020 | EPI\_ISL\_436303 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 28-MAR-2020 |
| hCoV-19/Spain/Valencia203/2020 | EPI\_ISL\_436298 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 20-MAR-2020 |
| hCoV-19/Spain/Valencia201/2020 | EPI\_ISL\_436296 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 19-MAR-2020 |
| hCoV-19/Spain/Valencia193/2020 | EPI\_ISL\_436288 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 26-MAR-2020 |
| hCoV-19/Spain/Valencia189/2020 | EPI\_ISL\_436284 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 26-MAR-2020 |
| hCoV-19/Spain/Valencia185/2020 | EPI\_ISL\_436280 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia169/2020 | EPI\_ISL\_436264 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 20-MAR-2020 |
| hCoV-19/Spain/Valencia168/2020 | EPI\_ISL\_436263 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 20-MAR-2020 |
| hCoV-19/Spain/Valencia162/2020 | EPI\_ISL\_436257 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 19-MAR-2020 |
| hCoV-19/Spain/Valencia161/2020 | EPI\_ISL\_436256 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 19-MAR-2020 |
| hCoV-19/Spain/Valencia159/2020 | EPI\_ISL\_436254 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 19-MAR-2020 |
| hCoV-19/Spain/Valencia158/2020 | EPI\_ISL\_436253 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 19-MAR-2020 |
| hCoV-19/Spain/Valencia153/2020 | EPI\_ISL\_436248 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 19-MAR-2020 |
| hCoV-19/Spain/Valencia146/2020 | EPI\_ISL\_436241 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 18-MAR-2020 |
| hCoV-19/Spain/Valencia141/2020 | EPI\_ISL\_436236 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 18-MAR-2020 |
| hCoV-19/Spain/Valencia139/2020 | EPI\_ISL\_436234 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 18-MAR-2020 |
| hCoV-19/Spain/Valencia131/2020 | EPI\_ISL\_436226 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia130/2020 | EPI\_ISL\_436225 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 16-MAR-2020 |
| hCoV-19/Spain/Valencia128/2020 | EPI\_ISL\_436223 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 14-MAR-2020 |
| hCoV-19/Spain/Valencia127/2020 | EPI\_ISL\_436222 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 14-MAR-2020 |
| hCoV-19/Spain/Valencia126/2020 | EPI\_ISL\_436221 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 14-MAR-2020 |
| hCoV-19/Spain/Valencia125/2020 | EPI\_ISL\_436220 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 14-MAR-2020 |
| hCoV-19/Spain/Valencia119/2020 | EPI\_ISL\_436214 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 13-MAR-2020 |
| hCoV-19/Spain/Valencia118/2020 | EPI\_ISL\_436213 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 13-MAR-2020 |
| hCoV-19/Spain/Valencia116/2020 | EPI\_ISL\_436211 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 12-MAR-2020 |
| hCoV-19/Spain/Valencia113/2020 | EPI\_ISL\_436208 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 22-MAR-2020 |
| hCoV-19/Spain/Valencia107/2020 | EPI\_ISL\_436202 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 18-MAR-2020 |
| hCoV-19/Spain/Valencia104/2020 | EPI\_ISL\_436199 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 18-MAR-2020 |
| hCoV-19/Spain/Valencia101/2020 | EPI\_ISL\_436196 | A.2 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 15-MAR-2020 |
| hCoV-19/Taiwan/TSGH-16/2020 | EPI\_ISL\_436101 | A.1.3 | S | Asia / Taiwan / New Taipei City | 19-MAR-2020 |
| hCoV-19/Australia/QLDID936/2020 | EPI\_ISL\_436098 | A.2 | S | Oceania / Australia / Queensland / Brisbane | 23-MAR-2020 |
| hCoV-19/USA/NY-SURV0472/2020 | EPI\_ISL\_436068 | A.1 | S | North America / USA / New York / New York City | 9-MAR-2020 |
| hCoV-19/USA/NY-SURV052/2020 | EPI\_ISL\_436047 | A.1 | S | North America / USA / New York / New York City | 4-MAR-2020 |
| hCoV-19/USA/CT-Yale-148/2020 | EPI\_ISL\_435718 | A.1 | S | North America / USA / Connecticut | 25-MAR-2020 |
| hCoV-19/USA/CT-Yale-142/2020 | EPI\_ISL\_435712 | A.1 | S | North America / USA / Connecticut | 21-MAR-2020 |
| hCoV-19/USA/CT-Yale-112/2020 | EPI\_ISL\_435708 | A.1 | S | North America / USA / Connecticut | 9-APR-2020 |
| hCoV-19/USA/CA-SCCPHD-UC161/2020 | EPI\_ISL\_435640 | A or A.1 | S | North America / USA / California / Santa Clara County | 12-MAR-2020 |
| hCoV-19/USA/CA-SCCPHD-UC152/2020 | EPI\_ISL\_435631 | A.1 | S | North America / USA / California / Santa Clara County | 11-MAR-2020 |
| hCoV-19/USA/CA-SCCPHD-UC140/2020 | EPI\_ISL\_435619 | A or A.1 | S | North America / USA / California / Santa Clara County | 10-MAR-2020 |
| hCoV-19/USA/UT-0679/2020 | EPI\_ISL\_435380 | A.1 | S | North America / USA / Utah | 5-APR-2020 |
| hCoV-19/USA/UT-0108/2020 | EPI\_ISL\_435352 | A.1 | S | North America / USA / Utah | 12-MAR-2020 |
| hCoV-19/USA/UT-0107/2020 | EPI\_ISL\_435351 | A.1 | S | North America / USA / Utah | 12-MAR-2020 |
| hCoV-19/United Arab Emirates/L5630/2020 | EPI\_ISL\_435137 | A | S | Asia / United Arab Emirates | 29-JAN-2020 |
| hCoV-19/India/NCDC-02415/2020 | EPI\_ISL\_435111 | A.2 | S | Asia / India / Delhi | 30-MAR-2020 |
| hCoV-19/India/NCDC-01501/2020 | EPI\_ISL\_435110 | A.1 | S | Asia / India / Delhi | 16-MAR-2020 |
| hCoV-19/Kazakhstan/NCB-5/2020 | EPI\_ISL\_435048 | A.2 | S | Asia / Kazakhstan / Nur-Sultan | 21-APR-2020 |
| hCoV-19/USA/TX-HMH0450/2020 | EPI\_ISL\_435029 | A.3 | S | North America / USA / Texas | 3-APR-2020 |
| hCoV-19/USA/TX-HMH0446/2020 | EPI\_ISL\_435026 | A.3 | S | North America / USA / Texas | 3-APR-2020 |
| hCoV-19/USA/TX-HMH0441/2020 | EPI\_ISL\_435024 | A.1 | S | North America / USA / Texas | 3-APR-2020 |
| hCoV-19/USA/TX-HMH0435/2020 | EPI\_ISL\_435018 | A.3 | S | North America / USA / Texas | 2-APR-2020 |
| hCoV-19/USA/TX-HMH0432/2020 | EPI\_ISL\_435015 | A.3 | S | North America / USA / Texas | 2-APR-2020 |
| hCoV-19/USA/TX-HMH0431/2020 | EPI\_ISL\_435014 | A.3 | S | North America / USA / Texas | 2-APR-2020 |
| hCoV-19/USA/TX-HMH0430/2020 | EPI\_ISL\_435013 | A.3 | S | North America / USA / Texas | 2-APR-2020 |
| hCoV-19/USA/TX-HMH0428/2020 | EPI\_ISL\_435011 | A.3 | S | North America / USA / Texas | 2-APR-2020 |
| hCoV-19/USA/TX-HMH0427/2020 | EPI\_ISL\_435010 | A.3 | S | North America / USA / Texas | 2-APR-2020 |
| hCoV-19/USA/TX-HMH0423/2020 | EPI\_ISL\_435006 | A.3 | S | North America / USA / Texas | 1-APR-2020 |
| hCoV-19/USA/TX-HMH0400/2020 | EPI\_ISL\_434987 | A.3 | S | North America / USA / Texas | 1-APR-2020 |
| hCoV-19/USA/TX-HMH0399/2020 | EPI\_ISL\_434986 | A.3 | S | North America / USA / Texas | 31-MAR-2020 |
| hCoV-19/USA/TX-HMH0396/2020 | EPI\_ISL\_434983 | A.3 | S | North America / USA / Texas | 31-MAR-2020 |
| hCoV-19/USA/TX-HMH0395/2020 | EPI\_ISL\_434982 | A.3 | S | North America / USA / Texas | 1-APR-2020 |
| hCoV-19/USA/TX-HMH0394/2020 | EPI\_ISL\_434981 | A.3 | S | North America / USA / Texas | 31-MAR-2020 |
| hCoV-19/USA/TX-HMH0391/2020 | EPI\_ISL\_434978 | A.3 | S | North America / USA / Texas | 27-MAR-2020 |
| hCoV-19/USA/TX-HMH0387/2020 | EPI\_ISL\_434974 | A.3 | S | North America / USA / Texas | 29-MAR-2020 |
| hCoV-19/USA/TX-HMH0383/2020 | EPI\_ISL\_434971 | A.3 | S | North America / USA / Texas | 31-MAR-2020 |
| hCoV-19/USA/TX-HMH0381/2020 | EPI\_ISL\_434969 | A.3 | S | North America / USA / Texas | 30-MAR-2020 |
| hCoV-19/USA/TX-HMH0379/2020 | EPI\_ISL\_434967 | A.3 | S | North America / USA / Texas | 30-MAR-2020 |
| hCoV-19/USA/TX-HMH0378/2020 | EPI\_ISL\_434966 | A.1 | S | North America / USA / Texas | 1-APR-2020 |
| hCoV-19/USA/TX-HMH0375/2020 | EPI\_ISL\_434964 | A.3 | S | North America / USA / Texas | 31-MAR-2020 |
| hCoV-19/USA/TX-HMH0370/2020 | EPI\_ISL\_434961 | A.3 | S | North America / USA / Texas | 27-MAR-2020 |
| hCoV-19/USA/TX-HMH0360/2020 | EPI\_ISL\_434953 | A.3 | S | North America / USA / Texas | 29-MAR-2020 |
| hCoV-19/USA/TX-HMH0322/2020 | EPI\_ISL\_434934 | A.3 | S | North America / USA / Texas | 28-MAR-2020 |
| hCoV-19/USA/TX-HMH0318/2020 | EPI\_ISL\_434932 | A.3 | S | North America / USA / Texas | 28-MAR-2020 |
| hCoV-19/USA/TX-HMH0303/2020 | EPI\_ISL\_434925 | A.3 | S | North America / USA / Texas | 28-MAR-2020 |
| hCoV-19/USA/TX-HMH0301/2020 | EPI\_ISL\_434924 | A.3 | S | North America / USA / Texas | 28-MAR-2020 |
| hCoV-19/USA/TX-HMH0300/2020 | EPI\_ISL\_434923 | A.3 | S | North America / USA / Texas | 28-MAR-2020 |
| hCoV-19/USA/TX-HMH0290/2020 | EPI\_ISL\_434916 | A.3 | S | North America / USA / Texas | 27-MAR-2020 |
| hCoV-19/USA/TX-HMH0285/2020 | EPI\_ISL\_434913 | A.1 | S | North America / USA / Texas | 27-MAR-2020 |
| hCoV-19/USA/TX-HMH0279/2020 | EPI\_ISL\_434907 | A.3 | S | North America / USA / Texas | 27-MAR-2020 |
| hCoV-19/USA/TX-HMH0277/2020 | EPI\_ISL\_434905 | A.3 | S | North America / USA / Texas | 27-MAR-2020 |
| hCoV-19/USA/TX-HMH0276/2020 | EPI\_ISL\_434904 | A.3 | S | North America / USA / Texas | 27-MAR-2020 |
| hCoV-19/USA/TX-HMH0274/2020 | EPI\_ISL\_434902 | A.3 | S | North America / USA / Texas | 27-MAR-2020 |
| hCoV-19/USA/TX-HMH0268/2020 | EPI\_ISL\_434897 | A.3 | S | North America / USA / Texas | 26-MAR-2020 |
| hCoV-19/USA/TX-HMH0267/2020 | EPI\_ISL\_434896 | A.3 | S | North America / USA / Texas | 26-MAR-2020 |
| hCoV-19/USA/TX-HMH0263/2020 | EPI\_ISL\_434892 | A.3 | S | North America / USA / Texas | 26-MAR-2020 |
| hCoV-19/USA/TX-HMH0234/2020 | EPI\_ISL\_434891 | A.3 | S | North America / USA / Texas | 24-MAR-2020 |
| hCoV-19/USA/TX-HMH0212/2020 | EPI\_ISL\_434887 | A.3 | S | North America / USA / Texas | 24-MAR-2020 |
| hCoV-19/USA/TX-HMH0211/2020 | EPI\_ISL\_434886 | A.3 | S | North America / USA / Texas | 24-MAR-2020 |
| hCoV-19/USA/TX-HMH0209/2020 | EPI\_ISL\_434884 | A.3 | S | North America / USA / Texas | 24-MAR-2020 |
| hCoV-19/USA/TX-HMH0208/2020 | EPI\_ISL\_434883 | A.1 | S | North America / USA / Texas | 24-MAR-2020 |
| hCoV-19/USA/TX-HMH0207/2020 | EPI\_ISL\_434882 | A.3 | S | North America / USA / Texas | 24-MAR-2020 |
| hCoV-19/USA/TX-HMH0198/2020 | EPI\_ISL\_434873 | A.3 | S | North America / USA / Texas | 24-MAR-2020 |
| hCoV-19/USA/TX-HMH0197/2020 | EPI\_ISL\_434872 | A.3 | S | North America / USA / Texas | 23-MAR-2020 |
| hCoV-19/USA/TX-HMH0192/2020 | EPI\_ISL\_434867 | A.3 | S | North America / USA / Texas | 23-MAR-2020 |
| hCoV-19/USA/TX-HMH0185/2020 | EPI\_ISL\_434863 | A.1 | S | North America / USA / Texas | 23-MAR-2020 |
| hCoV-19/USA/TX-HMH0184/2020 | EPI\_ISL\_434862 | A.3 | S | North America / USA / Texas | 23-MAR-2020 |
| hCoV-19/USA/TX-HMH0156/2020 | EPI\_ISL\_434855 | A.3 | S | North America / USA / Texas | 23-MAR-2020 |
| hCoV-19/USA/TX-HMH0155/2020 | EPI\_ISL\_434854 | A.3 | S | North America / USA / Texas | 23-MAR-2020 |
| hCoV-19/USA/TX-HMH0150/2020 | EPI\_ISL\_434849 | A.3 | S | North America / USA / Texas | 22-MAR-2020 |
| hCoV-19/USA/TX-HMH0145/2020 | EPI\_ISL\_434844 | A.1 | S | North America / USA / Texas | 22-MAR-2020 |
| hCoV-19/USA/TX-HMH0144/2020 | EPI\_ISL\_434843 | A.1 | S | North America / USA / Texas | 22-MAR-2020 |
| hCoV-19/USA/TX-HMH0141/2020 | EPI\_ISL\_434840 | A.3 | S | North America / USA / Texas | 21-MAR-2020 |
| hCoV-19/USA/TX-HMH0138/2020 | EPI\_ISL\_434838 | A.3 | S | North America / USA / Texas | 21-MAR-2020 |
| hCoV-19/USA/TX-HMH0136/2020 | EPI\_ISL\_434836 | A.3 | S | North America / USA / Texas | 21-MAR-2020 |
| hCoV-19/USA/TX-HMH0135/2020 | EPI\_ISL\_434835 | A.3 | S | North America / USA / Texas | 21-MAR-2020 |
| hCoV-19/USA/TX-HMH0131/2020 | EPI\_ISL\_434831 | A.3 | S | North America / USA / Texas | 21-MAR-2020 |
| hCoV-19/USA/TX-HMH0129/2020 | EPI\_ISL\_434829 | A.3 | S | North America / USA / Texas | 21-MAR-2020 |
| hCoV-19/USA/TX-HMH0128/2020 | EPI\_ISL\_434828 | A.3 | S | North America / USA / Texas | 21-MAR-2020 |
| hCoV-19/USA/TX-HMH0127/2020 | EPI\_ISL\_434827 | A.3 | S | North America / USA / Texas | 20-MAR-2020 |
| hCoV-19/USA/TX-HMH0126/2020 | EPI\_ISL\_434826 | A.3 | S | North America / USA / Texas | 20-MAR-2020 |
| hCoV-19/USA/TX-HMH0125/2020 | EPI\_ISL\_434825 | A.3 | S | North America / USA / Texas | 20-MAR-2020 |
| hCoV-19/USA/TX-HMH0117/2020 | EPI\_ISL\_434818 | A.1 | S | North America / USA / Texas | 20-MAR-2020 |
| hCoV-19/USA/TX-HMH0114/2020 | EPI\_ISL\_434816 | A.1 | S | North America / USA / Texas | 20-MAR-2020 |
| hCoV-19/USA/TX-HMH0113/2020 | EPI\_ISL\_434815 | A.1 | S | North America / USA / Texas | 20-MAR-2020 |
| hCoV-19/USA/TX-HMH0112/2020 | EPI\_ISL\_434814 | A.3 | S | North America / USA / Texas | 20-MAR-2020 |
| hCoV-19/USA/TX-HMH0111/2020 | EPI\_ISL\_434813 | A.3 | S | North America / USA / Texas | 20-MAR-2020 |
| hCoV-19/USA/TX-HMH0110/2020 | EPI\_ISL\_434812 | A.3 | S | North America / USA / Texas | 20-MAR-2020 |
| hCoV-19/USA/TX-HMH0105/2020 | EPI\_ISL\_434810 | A.3 | S | North America / USA / Texas | 20-MAR-2020 |
| hCoV-19/USA/TX-HMH0104/2020 | EPI\_ISL\_434809 | A.3 | S | North America / USA / Texas | 20-MAR-2020 |
| hCoV-19/USA/TX-HMH096/2020 | EPI\_ISL\_434801 | A.3 | S | North America / USA / Texas | 19-MAR-2020 |
| hCoV-19/USA/TX-HMH092/2020 | EPI\_ISL\_434797 | A.3 | S | North America / USA / Texas | 19-MAR-2020 |
| hCoV-19/USA/TX-HMH082/2020 | EPI\_ISL\_434791 | A.1 | S | North America / USA / Texas | 19-MAR-2020 |
| hCoV-19/USA/TX-HMH079/2020 | EPI\_ISL\_434788 | A.3 | S | North America / USA / Texas | 19-MAR-2020 |
| hCoV-19/USA/TX-HMH068/2020 | EPI\_ISL\_434777 | A.3 | S | North America / USA / Texas | 18-MAR-2020 |
| hCoV-19/USA/TX-HMH066/2020 | EPI\_ISL\_434775 | A.3 | S | North America / USA / Texas | 18-MAR-2020 |
| hCoV-19/USA/TX-HMH057/2020 | EPI\_ISL\_434766 | A.3 | S | North America / USA / Texas | 17-MAR-2020 |
| hCoV-19/USA/TX-HMH051/2020 | EPI\_ISL\_434760 | A.3 | S | North America / USA / Texas | 17-MAR-2020 |
| hCoV-19/USA/TX-HMH049/2020 | EPI\_ISL\_434758 | A.3 | S | North America / USA / Texas | 16-MAR-2020 |
| hCoV-19/USA/TX-HMH031/2020 | EPI\_ISL\_434740 | A.1 | S | North America / USA / Texas | 24-MAR-2020 |
| hCoV-19/USA/TX-HMH029/2020 | EPI\_ISL\_434738 | A.1 | S | North America / USA / Texas | 12-MAR-2020 |
| hCoV-19/USA/TX-HMH022/2020 | EPI\_ISL\_434732 | A.3 | S | North America / USA / Texas | 17-MAR-2020 |
| hCoV-19/USA/TX-HMH021/2020 | EPI\_ISL\_434731 | A.3 | S | North America / USA / Texas | 17-MAR-2020 |
| hCoV-19/USA/TX-HMH014/2020 | EPI\_ISL\_434724 | A.2 | S | North America / USA / Texas | 14-MAR-2020 |
| hCoV-19/USA/TX-HMH012/2020 | EPI\_ISL\_434723 | A.1 | S | North America / USA / Texas | 15-MAR-2020 |
| hCoV-19/USA/TX-HMH06/2020 | EPI\_ISL\_434717 | A.3 | S | North America / USA / Texas | 16-MAR-2020 |
| hCoV-19/USA/TX-HMH05/2020 | EPI\_ISL\_434716 | A.1 | S | North America / USA / Texas | 16-MAR-2020 |
| hCoV-19/Thailand/NIH-2721/2020 | EPI\_ISL\_434706 | A.6 | S | Asia / Thailand / Bangkok | 16-MAR-2020 |
| hCoV-19/Thailand/NIH-2720/2020 | EPI\_ISL\_434705 | A.6 | S | Asia / Thailand / Bangkok | 16-MAR-2020 |
| hCoV-19/Thailand/NIH-2492-2/2020 | EPI\_ISL\_434704 | A.6 | S | Asia / Thailand / Bangkok | 17-MAR-2020 |
| hCoV-19/Thailand/NIH-2489/2020 | EPI\_ISL\_434703 | A.6 | S | Asia / Thailand / Bangkok | 14-MAR-2020 |
| hCoV-19/Thailand/NIH-2472/2020 | EPI\_ISL\_434701 | A.6 | S | Asia / Thailand / Nonthaburi | 14-MAR-2020 |
| hCoV-19/Thailand/NIH-2420/2020 | EPI\_ISL\_434700 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Thailand/NIH-2296/2020 | EPI\_ISL\_434699 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/USA/MD-HP00030/2020 | EPI\_ISL\_434686 | A.3 | S | North America / USA / Maryland | 20-MAR-2020 |
| hCoV-19/USA/FL-UF2/2020 | EPI\_ISL\_434637 | A.3 | S | North America / USA / Florida | 27-MAR-2020 |
| hCoV-19/USA/FL-UF1/2020 | EPI\_ISL\_434636 | A.1 | S | North America / USA / Florida | 10-MAR-2020 |
| hCoV-19/USA/VA-DCLS-0101/2020 | EPI\_ISL\_434595 | A.1 | S | North America / USA / Virginia | 10-APR-2020 |
| hCoV-19/USA/VA-DCLS-0100/2020 | EPI\_ISL\_434594 | A.1 | S | North America / USA / Virginia | 10-APR-2020 |
| hCoV-19/USA/VA-DCLS-0098/2020 | EPI\_ISL\_434592 | A.3 | S | North America / USA / Virginia | 10-APR-2020 |
| hCoV-19/USA/VA-DCLS-0095/2020 | EPI\_ISL\_434590 | A.3 | S | North America / USA / Virginia | 9-APR-2020 |
| hCoV-19/Hong Kong/HKU-001a/2020 | EPI\_ISL\_434571 | A | S | Asia / Hong Kong | 22-JAN-2020 |
| hCoV-19/Hong Kong/HKU-907b/2020 | EPI\_ISL\_434568 | A | S | Asia / Hong Kong | 29-JAN-2020 |
| hCoV-19/Hong Kong/HKU-907a/2020 | EPI\_ISL\_434567 | A | S | Asia / Hong Kong | 27-JAN-2020 |
| hCoV-19/Japan/TKYE6968/2020 | EPI\_ISL\_434561 | A | S | Asia / Japan | FEB-2020 |
| hCoV-19/Puerto Rico/CDC-S7/2020 | EPI\_ISL\_434547 | A.1 | S | North America / USA / Puerto Rico | 24-MAR-2020 |
| hCoV-19/Puerto Rico/CDC-S3/2020 | EPI\_ISL\_434543 | A.1 | S | North America / USA / Puerto Rico | 23-MAR-2020 |
| hCoV-19/Puerto Rico/CDC-S1/2020 | EPI\_ISL\_434541 | A.1 | S | North America / USA / Puerto Rico | 23-MAR-2020 |
| hCoV-19/Costa Rica/03/2020 | EPI\_ISL\_434536 | A.1 | S | North America / Costa Rica | 17-MAR-2020 |
| hCoV-19/Greece/145/2020 | EPI\_ISL\_434464 | A.5 | S | Europe / Greece / Athens | 16-MAR-2020 |
| hCoV-19/Greece/48/2020 | EPI\_ISL\_434456 | A.2 | S | Europe / Greece / Athens | 22-MAR-2020 |
| hCoV-19/USA/WA-S586/2020 | EPI\_ISL\_434346 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S585/2020 | EPI\_ISL\_434345 | A.1 | S | North America / USA / Washington / Yakima County | 26-MAR-2020 |
| hCoV-19/USA/WA-S584/2020 | EPI\_ISL\_434344 | A.1 | S | North America / USA / Washington / King County | 24-MAR-2020 |
| hCoV-19/USA/WA-S583/2020 | EPI\_ISL\_434343 | A.1 | S | North America / USA / Washington / King County | 24-MAR-2020 |
| hCoV-19/USA/WA-S582/2020 | EPI\_ISL\_434342 | A.1 | S | North America / USA / Washington / Yakima County | 31-MAR-2020 |
| hCoV-19/USA/WA-S579/2020 | EPI\_ISL\_434339 | A.1 | S | North America / USA / Washington / Kittitas County | 24-MAR-2020 |
| hCoV-19/USA/WA-S578/2020 | EPI\_ISL\_434338 | A.1 | S | North America / USA / Washington / Yakima County | 30-MAR-2020 |
| hCoV-19/USA/WA-S577/2020 | EPI\_ISL\_434337 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S576/2020 | EPI\_ISL\_434336 | A.1 | S | North America / USA / Washington / Pierce County | 29-MAR-2020 |
| hCoV-19/USA/WA-S575/2020 | EPI\_ISL\_434335 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S574/2020 | EPI\_ISL\_434334 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S573/2020 | EPI\_ISL\_434333 | A.1 | S | North America / USA / Washington / Yakima County | 26-MAR-2020 |
| hCoV-19/USA/WA-S572/2020 | EPI\_ISL\_434332 | A.1 | S | North America / USA / Washington / King County | 26-MAR-2020 |
| hCoV-19/USA/WA-S568/2020 | EPI\_ISL\_434328 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S567/2020 | EPI\_ISL\_434327 | A.1 | S | North America / USA / Washington / King County | 25-MAR-2020 |
| hCoV-19/USA/WA-S566/2020 | EPI\_ISL\_434326 | A | S | North America / USA / Washington | 29-MAR-2020 |
| hCoV-19/USA/WA-S563/2020 | EPI\_ISL\_434323 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S557/2020 | EPI\_ISL\_434317 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S556/2020 | EPI\_ISL\_434316 | A.1 | S | North America / USA / Washington / Yakima County | 29-MAR-2020 |
| hCoV-19/USA/WA-S555/2020 | EPI\_ISL\_434315 | A.1 | S | North America / USA / Washington / Adams County | 30-MAR-2020 |
| hCoV-19/USA/WA-S553/2020 | EPI\_ISL\_434313 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S548/2020 | EPI\_ISL\_434308 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S546/2020 | EPI\_ISL\_434306 | A.1 | S | North America / USA / Washington / Adams County | 23-MAR-2020 |
| hCoV-19/USA/WA-S545/2020 | EPI\_ISL\_434305 | A.1 | S | North America / USA / Washington / King County | 31-MAR-2020 |
| hCoV-19/USA/WA-S544/2020 | EPI\_ISL\_434304 | A.1 | S | North America / USA / Washington | 25-MAR-2020 |
| hCoV-19/USA/WA-S542/2020 | EPI\_ISL\_434302 | A.1 | S | North America / USA / Washington / Adams County | 23-MAR-2020 |
| hCoV-19/USA/WA-S539/2020 | EPI\_ISL\_434299 | A.1 | S | North America / USA / Washington / Pierce County | 23-MAR-2020 |
| hCoV-19/USA/WA-S538/2020 | EPI\_ISL\_434298 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S529/2020 | EPI\_ISL\_434289 | A.1 | S | North America / USA / Washington / King County | 24-MAR-2020 |
| hCoV-19/USA/WA-S528/2020 | EPI\_ISL\_434288 | A.1 | S | North America / USA / Washington / King County | 31-MAR-2020 |
| hCoV-19/USA/WA-S527/2020 | EPI\_ISL\_434287 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S526/2020 | EPI\_ISL\_434286 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S525/2020 | EPI\_ISL\_434285 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S524/2020 | EPI\_ISL\_434284 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S522/2020 | EPI\_ISL\_434282 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S520/2020 | EPI\_ISL\_434280 | A.1 | S | North America / USA / Washington / Yakima County | 31-MAR-2020 |
| hCoV-19/USA/WA-S519/2020 | EPI\_ISL\_434279 | A.1 | S | North America / USA / Washington / Adams County | 27-MAR-2020 |
| hCoV-19/USA/WA-S516/2020 | EPI\_ISL\_434276 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S513/2020 | EPI\_ISL\_434273 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S512/2020 | EPI\_ISL\_434272 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S510/2020 | EPI\_ISL\_434270 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S509/2020 | EPI\_ISL\_434269 | A.1 | S | North America / USA / Washington / Yakima County | 30-MAR-2020 |
| hCoV-19/USA/WA-S506/2020 | EPI\_ISL\_434266 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S505/2020 | EPI\_ISL\_434265 | A.1 | S | North America / USA / Washington / Pierce County | 29-MAR-2020 |
| hCoV-19/USA/WA-S504/2020 | EPI\_ISL\_434264 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S503/2020 | EPI\_ISL\_434263 | A.1 | S | North America / USA / Washington / King County | 25-MAR-2020 |
| hCoV-19/USA/WA-S499/2020 | EPI\_ISL\_434259 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S498/2020 | EPI\_ISL\_434258 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S497/2020 | EPI\_ISL\_434257 | A.1 | S | North America / USA / Washington / Yakima County | 31-MAR-2020 |
| hCoV-19/USA/WA-S496/2020 | EPI\_ISL\_434256 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S494/2020 | EPI\_ISL\_434254 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S493/2020 | EPI\_ISL\_434253 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S492/2020 | EPI\_ISL\_434252 | A.1 | S | North America / USA / Washington / Yakima County | 26-MAR-2020 |
| hCoV-19/USA/WA-S491/2020 | EPI\_ISL\_434251 | A.1 | S | North America / USA / Washington / Pierce County | 2-APR-2020 |
| hCoV-19/USA/WA-S490/2020 | EPI\_ISL\_434250 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S489/2020 | EPI\_ISL\_434249 | A.1 | S | North America / USA / Washington / Snohomish County | 2-APR-2020 |
| hCoV-19/USA/WA-S488/2020 | EPI\_ISL\_434248 | A.1 | S | North America / USA / Washington / King County | 1-APR-2020 |
| hCoV-19/USA/WA-S487/2020 | EPI\_ISL\_434247 | A.1 | S | North America / USA / Washington / Yakima County | 31-MAR-2020 |
| hCoV-19/USA/WA-S486/2020 | EPI\_ISL\_434246 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S485/2020 | EPI\_ISL\_434245 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S484/2020 | EPI\_ISL\_434244 | A.1 | S | North America / USA / Washington / Pierce County | 2-APR-2020 |
| hCoV-19/USA/WA-S479/2020 | EPI\_ISL\_434239 | A.1 | S | North America / USA / Washington / Yakima County | 4-APR-2020 |
| hCoV-19/USA/WA-S478/2020 | EPI\_ISL\_434238 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S476/2020 | EPI\_ISL\_434236 | A.1 | S | North America / USA / Washington / Yakima County | 3-APR-2020 |
| hCoV-19/USA/WA-S473/2020 | EPI\_ISL\_434233 | A.1 | S | North America / USA / Washington / Yakima County | 3-APR-2020 |
| hCoV-19/USA/WA-S467/2020 | EPI\_ISL\_434227 | A.1 | S | North America / USA / Washington / Yakima County | 2-APR-2020 |
| hCoV-19/USA/WA-S466/2020 | EPI\_ISL\_434226 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S465/2020 | EPI\_ISL\_434225 | A.1 | S | North America / USA / Washington / Pierce County | 1-APR-2020 |
| hCoV-19/USA/WA-S459/2020 | EPI\_ISL\_434219 | A.1 | S | North America / USA / Washington / Snohomish County | 6-APR-2020 |
| hCoV-19/USA/WA-S455/2020 | EPI\_ISL\_434215 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S452/2020 | EPI\_ISL\_434212 | A.1 | S | North America / USA / Washington / Yakima County | 31-MAR-2020 |
| hCoV-19/USA/WA-S451/2020 | EPI\_ISL\_434211 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S450/2020 | EPI\_ISL\_434210 | A.1 | S | North America / USA / Washington / Yakima County | 31-MAR-2020 |
| hCoV-19/USA/WA-S448/2020 | EPI\_ISL\_434208 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S447/2020 | EPI\_ISL\_434207 | A.1 | S | North America / USA / Washington / Franklin County | 1-APR-2020 |

The following pandemic sequences contain ORF 8 replacement L84S

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Sequences 2001 to 2500 of 3703

| **Virus name** | **GISAID ID** | **Lineage** | **GISAID Clade** | **Location** | **Collection date** |
| --- | --- | --- | --- | --- | --- |
| hCoV-19/USA/WA-S446/2020 | EPI\_ISL\_434206 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S445/2020 | EPI\_ISL\_434205 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S444/2020 | EPI\_ISL\_434204 | A.1 | S | North America / USA / Washington / Pierce County | 1-APR-2020 |
| hCoV-19/USA/WA-S442/2020 | EPI\_ISL\_434202 | A.1 | S | North America / USA / Washington / Yakima County | 26-MAR-2020 |
| hCoV-19/USA/WA-S441/2020 | EPI\_ISL\_434201 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S440/2020 | EPI\_ISL\_434200 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S439/2020 | EPI\_ISL\_434199 | A.1 | S | North America / USA / Washington / Pierce County | 2-APR-2020 |
| hCoV-19/USA/WA-S437/2020 | EPI\_ISL\_434197 | A.1 | S | North America / USA / Washington / Yakima County | 31-MAR-2020 |
| hCoV-19/USA/WA-S436/2020 | EPI\_ISL\_434196 | A.1 | S | North America / USA / Washington / Yakima County | 31-MAR-2020 |
| hCoV-19/USA/WA-S433/2020 | EPI\_ISL\_434193 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S432/2020 | EPI\_ISL\_434192 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S430/2020 | EPI\_ISL\_434190 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S429/2020 | EPI\_ISL\_434189 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S428/2020 | EPI\_ISL\_434188 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S427/2020 | EPI\_ISL\_434187 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S426/2020 | EPI\_ISL\_434186 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S425/2020 | EPI\_ISL\_434185 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S424/2020 | EPI\_ISL\_434184 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S423/2020 | EPI\_ISL\_434183 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S422/2020 | EPI\_ISL\_434182 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S420/2020 | EPI\_ISL\_434180 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S419/2020 | EPI\_ISL\_434179 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S418/2020 | EPI\_ISL\_434178 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S417/2020 | EPI\_ISL\_434177 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S416/2020 | EPI\_ISL\_434176 | A.1 | S | North America / USA / Washington / Yakima County | 29-MAR-2020 |
| hCoV-19/USA/WA-S415/2020 | EPI\_ISL\_434175 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S414/2020 | EPI\_ISL\_434174 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S412/2020 | EPI\_ISL\_434172 | A.1 | S | North America / USA / Washington / King County | 30-MAR-2020 |
| hCoV-19/USA/WA-S411/2020 | EPI\_ISL\_434171 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S410/2020 | EPI\_ISL\_434170 | A.1 | S | North America / USA / Washington / Yakima County | 29-MAR-2020 |
| hCoV-19/USA/WA-S409/2020 | EPI\_ISL\_434169 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S407/2020 | EPI\_ISL\_434167 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S405/2020 | EPI\_ISL\_434165 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S403/2020 | EPI\_ISL\_434163 | A.1 | S | North America / USA / Washington / King County | 26-MAR-2020 |
| hCoV-19/USA/WA-S402/2020 | EPI\_ISL\_434162 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S401/2020 | EPI\_ISL\_434161 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S400/2020 | EPI\_ISL\_434160 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S399/2020 | EPI\_ISL\_434159 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S397/2020 | EPI\_ISL\_434157 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S396/2020 | EPI\_ISL\_434156 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S394/2020 | EPI\_ISL\_434154 | A.1 | S | North America / USA / Washington / Yakima County | 30-MAR-2020 |
| hCoV-19/USA/WA-S393/2020 | EPI\_ISL\_434153 | A.1 | S | North America / USA / Washington / Yakima County | 28-MAR-2020 |
| hCoV-19/USA/WA-S391/2020 | EPI\_ISL\_434151 | A.1 | S | North America / USA / Washington / Yakima County | 26-MAR-2020 |
| hCoV-19/USA/WA-S386/2020 | EPI\_ISL\_434146 | A.1 | S | North America / USA / Washington / Yakima County | 26-MAR-2020 |
| hCoV-19/USA/WA-S385/2020 | EPI\_ISL\_434145 | A.1 | S | North America / USA / Washington / Pierce County | 28-MAR-2020 |
| hCoV-19/USA/WA-S383/2020 | EPI\_ISL\_434143 | A.1 | S | North America / USA / Washington / Adams County | 27-MAR-2020 |
| hCoV-19/USA/WA-S380/2020 | EPI\_ISL\_434140 | A.1 | S | North America / USA / Washington / Franklin County | 27-MAR-2020 |
| hCoV-19/USA/WA-S377/2020 | EPI\_ISL\_434137 | A.1 | S | North America / USA / Washington / Yakima County | 26-MAR-2020 |
| hCoV-19/USA/WA-S376/2020 | EPI\_ISL\_434136 | A.1 | S | North America / USA / Washington / Yakima County | 27-MAR-2020 |
| hCoV-19/USA/WA-S375/2020 | EPI\_ISL\_434135 | A.1 | S | North America / USA / Washington / Yakima County | 26-MAR-2020 |
| hCoV-19/USA/WA-S374/2020 | EPI\_ISL\_434134 | A.1 | S | North America / USA / Washington / Yakima County | 26-MAR-2020 |
| hCoV-19/USA/WA-S372/2020 | EPI\_ISL\_434132 | A.1 | S | North America / USA / Washington / Yakima County | 26-MAR-2020 |
| hCoV-19/USA/WA-S369/2020 | EPI\_ISL\_434129 | A.1 | S | North America / USA / Washington / Yakima County | 26-MAR-2020 |
| hCoV-19/USA/WA-S368/2020 | EPI\_ISL\_434128 | A.1 | S | North America / USA / Washington / Yakima County | 26-MAR-2020 |
| hCoV-19/USA/WA-S367/2020 | EPI\_ISL\_434127 | A.1 | S | North America / USA / Washington | 8-MAR-2020 |
| hCoV-19/USA/WA-S366/2020 | EPI\_ISL\_434126 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-S365/2020 | EPI\_ISL\_434125 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-S360/2020 | EPI\_ISL\_434120 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S359/2020 | EPI\_ISL\_434119 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S358/2020 | EPI\_ISL\_434118 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S357/2020 | EPI\_ISL\_434117 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S356/2020 | EPI\_ISL\_434116 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S355/2020 | EPI\_ISL\_434115 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S354/2020 | EPI\_ISL\_434114 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S353/2020 | EPI\_ISL\_434113 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S352/2020 | EPI\_ISL\_434112 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S351/2020 | EPI\_ISL\_434111 | A.1 | S | North America / USA / Washington / Yakima County | 25-MAR-2020 |
| hCoV-19/USA/WA-S349/2020 | EPI\_ISL\_434109 | A.1 | S | North America / USA / Washington / Mason County | 2-APR-2020 |
| hCoV-19/USA/WA-S348/2020 | EPI\_ISL\_434108 | A.1 | S | North America / USA / Washington / Asotin County | 1-APR-2020 |
| hCoV-19/USA/WA-S346/2020 | EPI\_ISL\_434106 | A.1 | S | North America / USA / Washington / Yakima County | 4-APR-2020 |
| hCoV-19/USA/WA-S345/2020 | EPI\_ISL\_434105 | A.1 | S | North America / USA / Washington / Yakima County | 5-APR-2020 |
| hCoV-19/USA/WA-S343/2020 | EPI\_ISL\_434103 | A.3 | S | North America / USA / Washington / Yakima County | 2-APR-2020 |
| hCoV-19/USA/WA-S342/2020 | EPI\_ISL\_434102 | A.1 | S | North America / USA / Washington / Yakima County | 2-APR-2020 |
| hCoV-19/USA/WA-S340/2020 | EPI\_ISL\_434100 | A.1 | S | North America / USA / Washington / Yakima County | 4-APR-2020 |
| hCoV-19/USA/WA-S337/2020 | EPI\_ISL\_434097 | A.1 | S | North America / USA / Washington / Pierce County | 1-APR-2020 |
| hCoV-19/USA/WA-S336/2020 | EPI\_ISL\_434096 | A.1 | S | North America / USA / Washington / Pierce County | 3-APR-2020 |
| hCoV-19/USA/WA-S335/2020 | EPI\_ISL\_434095 | A.1 | S | North America / USA / Washington / Yakima County | 2-APR-2020 |
| hCoV-19/USA/WA-S333/2020 | EPI\_ISL\_434093 | A.1 | S | North America / USA / Washington / Yakima County | 4-APR-2020 |
| hCoV-19/USA/WA-S331/2020 | EPI\_ISL\_434091 | A.1 | S | North America / USA / Washington / Pierce County | 2-APR-2020 |
| hCoV-19/USA/WA-S330/2020 | EPI\_ISL\_434090 | A.1 | S | North America / USA / Washington / Yakima County | 2-APR-2020 |
| hCoV-19/USA/WA-S329/2020 | EPI\_ISL\_434089 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S328/2020 | EPI\_ISL\_434088 | A.1 | S | North America / USA / Washington / Yakima County | 3-APR-2020 |
| hCoV-19/USA/WA-S327/2020 | EPI\_ISL\_434087 | A.1 | S | North America / USA / Washington / Yakima County | 5-APR-2020 |
| hCoV-19/USA/WA-S326/2020 | EPI\_ISL\_434086 | A.1 | S | North America / USA / Washington / Adams County | 1-APR-2020 |
| hCoV-19/USA/WA-S325/2020 | EPI\_ISL\_434085 | A.1 | S | North America / USA / Washington / Yakima County | 3-APR-2020 |
| hCoV-19/USA/WA-S324/2020 | EPI\_ISL\_434084 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S322/2020 | EPI\_ISL\_434082 | A.1 | S | North America / USA / Washington / Yakima County | 31-MAR-2020 |
| hCoV-19/USA/WA-S321/2020 | EPI\_ISL\_434081 | A.1 | S | North America / USA / Washington / Yakima County | 30-MAR-2020 |
| hCoV-19/USA/WA-S320/2020 | EPI\_ISL\_434080 | A.1 | S | North America / USA / Washington / Franklin County | 1-APR-2020 |
| hCoV-19/USA/WA-S319/2020 | EPI\_ISL\_434079 | A.1 | S | North America / USA / Washington / Yakima County | 4-APR-2020 |
| hCoV-19/USA/WA-S318/2020 | EPI\_ISL\_434078 | A.1 | S | North America / USA / Washington / Pierce County | 31-MAR-2020 |
| hCoV-19/USA/WA-S317/2020 | EPI\_ISL\_434077 | A.1 | S | North America / USA / Washington / Yakima County | 4-APR-2020 |
| hCoV-19/USA/WA-S316/2020 | EPI\_ISL\_434076 | A.1 | S | North America / USA / Washington / Franklin County | 1-APR-2020 |
| hCoV-19/USA/WA-S315/2020 | EPI\_ISL\_434075 | A.1 | S | North America / USA / Washington / Yakima County | 2-APR-2020 |
| hCoV-19/USA/WA-S313/2020 | EPI\_ISL\_434073 | A.1 | S | North America / USA / Washington / Yakima County | 2-APR-2020 |
| hCoV-19/USA/WA-S312/2020 | EPI\_ISL\_434072 | A.1 | S | North America / USA / Washington / Yakima County | 1-APR-2020 |
| hCoV-19/USA/WA-S311/2020 | EPI\_ISL\_434071 | A.1 | S | North America / USA / Washington / Yakima County | 4-APR-2020 |
| hCoV-19/USA/WA-S310/2020 | EPI\_ISL\_434070 | A.1 | S | North America / USA / Washington / Benton County | 1-APR-2020 |
| hCoV-19/USA/WA-S308/2020 | EPI\_ISL\_434068 | A.1 | S | North America / USA / Washington / Yakima County | 2-APR-2020 |
| hCoV-19/USA/WA-S307/2020 | EPI\_ISL\_434067 | A.1 | S | North America / USA / Washington | 28-MAR-2020 |
| hCoV-19/USA/WA-S306/2020 | EPI\_ISL\_434066 | A.1 | S | North America / USA / Washington / King County | 2-APR-2020 |
| hCoV-19/USA/WA-S304/2020 | EPI\_ISL\_434064 | A.1 | S | North America / USA / Washington / Yakima County | 5-APR-2020 |
| hCoV-19/Scotland/CVR1856/2020 | EPI\_ISL\_433660 | A.3 | S | Europe / United Kingdom / Scotland | 8-APR-2020 |
| hCoV-19/Scotland/CVR1634/2020 | EPI\_ISL\_433637 | A.2 | S | Europe / United Kingdom / Scotland | 5-APR-2020 |
| hCoV-19/Scotland/CVR1613/2020 | EPI\_ISL\_433631 | A.2 | S | Europe / United Kingdom / Scotland | 5-APR-2020 |
| hCoV-19/Scotland/CVR1568/2020 | EPI\_ISL\_433620 | A.2 | S | Europe / United Kingdom / Scotland | 4-APR-2020 |
| hCoV-19/Scotland/CVR1555/2020 | EPI\_ISL\_433616 | A.2 | S | Europe / United Kingdom / Scotland | 3-APR-2020 |
| hCoV-19/Scotland/CVR1521/2020 | EPI\_ISL\_433608 | A.2 | S | Europe / United Kingdom / Scotland | 3-APR-2020 |
| hCoV-19/Scotland/CVR1514/2020 | EPI\_ISL\_433606 | A.2 | S | Europe / United Kingdom / Scotland | 3-APR-2020 |
| hCoV-19/Scotland/CVR1469/2020 | EPI\_ISL\_433594 | A.3 | S | Europe / United Kingdom / Scotland | 2-APR-2020 |
| hCoV-19/Scotland/CVR1452/2020 | EPI\_ISL\_433591 | A.2 | S | Europe / United Kingdom / Scotland | 2-APR-2020 |
| hCoV-19/Scotland/CVR1423/2020 | EPI\_ISL\_433579 | A.2 | S | Europe / United Kingdom / Scotland | 1-APR-2020 |
| hCoV-19/Scotland/CVR1400/2020 | EPI\_ISL\_433568 | A.5 | S | Europe / United Kingdom / Scotland | 1-APR-2020 |
| hCoV-19/Scotland/CVR1370/2020 | EPI\_ISL\_433558 | A.2 | S | Europe / United Kingdom / Scotland | 31-MAR-2020 |
| hCoV-19/Scotland/CVR1361/2020 | EPI\_ISL\_433554 | A.3 | S | Europe / United Kingdom / Scotland | 1-APR-2020 |
| hCoV-19/Scotland/CVR1325/2020 | EPI\_ISL\_433541 | A.5 | S | Europe / United Kingdom / Scotland | 31-MAR-2020 |
| hCoV-19/Scotland/CVR1261/2020 | EPI\_ISL\_433525 | A.2 | S | Europe / United Kingdom / Scotland | 31-MAR-2020 |
| hCoV-19/Scotland/CVR1142/2020 | EPI\_ISL\_433518 | A.2 | S | Europe / United Kingdom / Scotland | 29-MAR-2020 |
| hCoV-19/Scotland/CVR1133b/2020 | EPI\_ISL\_433515 | A.2 | S | Europe / United Kingdom / Scotland | 29-MAR-2020 |
| hCoV-19/Scotland/CVR1133/2020 | EPI\_ISL\_433514 | A.2 | S | Europe / United Kingdom / Scotland | 29-MAR-2020 |
| hCoV-19/Scotland/CVR1123/2020 | EPI\_ISL\_433512 | A.2 | S | Europe / United Kingdom / Scotland | 30-MAR-2020 |
| hCoV-19/Scotland/CVR1069/2020 | EPI\_ISL\_433506 | A.2 | S | Europe / United Kingdom / Scotland | 29-MAR-2020 |
| hCoV-19/Scotland/EDB1459/2020 | EPI\_ISL\_433456 | A.5 | S | Europe / United Kingdom / Scotland | 11-APR-2020 |
| hCoV-19/Scotland/EDB1428/2020 | EPI\_ISL\_433443 | A.5 | S | Europe / United Kingdom / Scotland | 12-APR-2020 |
| hCoV-19/Scotland/EDB1172/2020 | EPI\_ISL\_433422 | A.5 | S | Europe / United Kingdom / Scotland | 7-APR-2020 |
| hCoV-19/Scotland/CVR968/2020 | EPI\_ISL\_433367 | A.5 | S | Europe / United Kingdom / Scotland | 28-MAR-2020 |
| hCoV-19/Scotland/CVR458/2020 | EPI\_ISL\_433298 | A.5 | S | Europe / United Kingdom / Scotland | 23-MAR-2020 |
| hCoV-19/Scotland/CVR261/2020 | EPI\_ISL\_433277 | A.3 | S | Europe / United Kingdom / Scotland | 20-MAR-2020 |
| hCoV-19/Scotland/CVR1977/2020 | EPI\_ISL\_433269 | A.2 | S | Europe / United Kingdom / Scotland | 8-APR-2020 |
| hCoV-19/Scotland/EDB591/2020 | EPI\_ISL\_433209 | A.5 | S | Europe / United Kingdom / Scotland | 1-APR-2020 |
| hCoV-19/Scotland/EDB589/2020 | EPI\_ISL\_433207 | A.5 | S | Europe / United Kingdom / Scotland | 1-APR-2020 |
| hCoV-19/Scotland/EDB2065/2020 | EPI\_ISL\_433172 | A.5 | S | Europe / United Kingdom / Scotland | 18-APR-2020 |
| hCoV-19/Scotland/EDB2064/2020 | EPI\_ISL\_433171 | A.5 | S | Europe / United Kingdom / Scotland | 18-APR-2020 |
| hCoV-19/Scotland/EDB1824/2020 | EPI\_ISL\_433144 | A.5 | S | Europe / United Kingdom / Scotland | 16-APR-2020 |
| hCoV-19/Scotland/EDB1660/2020 | EPI\_ISL\_433109 | A.5 | S | Europe / United Kingdom / Scotland | 14-APR-2020 |
| hCoV-19/Fujian/3520022Y/2020 | EPI\_ISL\_431785 | A | S | Asia / China / Fujian | 23-JAN-2020 |
| hCoV-19/USA/CT-Yale-102/2020 | EPI\_ISL\_431081 | A | S | North America / USA / Connecticut | 6-APR-2020 |
| hCoV-19/USA/WA-UW-6315/2020 | EPI\_ISL\_430966 | A.1 | S | North America / USA / Washington | 2-APR-2020 |
| hCoV-19/USA/WA-UW-6186/2020 | EPI\_ISL\_430954 | A.1 | S | North America / USA / Washington | 1-APR-2020 |
| hCoV-19/USA/WA-UW-4226/2020 | EPI\_ISL\_430938 | A.1 | S | North America / USA / Washington | 31-MAR-2020 |
| hCoV-19/USA/WA-UW-6164/2020 | EPI\_ISL\_430934 | A.1 | S | North America / USA / Washington | 1-APR-2020 |
| hCoV-19/USA/WA-UW-6162/2020 | EPI\_ISL\_430933 | A.1 | S | North America / USA / Washington | 1-APR-2020 |
| hCoV-19/USA/UN-UW-5769/2020 | EPI\_ISL\_430924 | A.1 | S | North America / USA | 7-APR-2020 |
| hCoV-19/USA/WA-UW-5750/2020 | EPI\_ISL\_430918 | A.1 | S | North America / USA / Washington | 6-APR-2020 |
| hCoV-19/USA/WA-UW-5371/2020 | EPI\_ISL\_430904 | A.1 | S | North America / USA / Washington | 5-APR-2020 |
| hCoV-19/USA/UN-UW-5368/2020 | EPI\_ISL\_430903 | A.1 | S | North America / USA | 5-APR-2020 |
| hCoV-19/USA/WA-UW-5205/2020 | EPI\_ISL\_430900 | A.1 | S | North America / USA / Washington | 2-APR-2020 |
| hCoV-19/USA/WA-UW-604/2020 | EPI\_ISL\_430895 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW-602/2020 | EPI\_ISL\_430894 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW-596/2020 | EPI\_ISL\_430892 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/UN-UW-581/2020 | EPI\_ISL\_430890 | A.1 | S | North America / USA | 12-MAR-2020 |
| hCoV-19/USA/WA-UW-572/2020 | EPI\_ISL\_430889 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW-558/2020 | EPI\_ISL\_430888 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW-555/2020 | EPI\_ISL\_430887 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/UN-UW-547/2020 | EPI\_ISL\_430886 | A.1 | S | North America / USA | 10-MAR-2020 |
| hCoV-19/USA/WA-UW-542/2020 | EPI\_ISL\_430883 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/UN-UW-531/2020 | EPI\_ISL\_430881 | A.1 | S | North America / USA | 13-MAR-2020 |
| hCoV-19/USA/WA-UW-525/2020 | EPI\_ISL\_430878 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW-524/2020 | EPI\_ISL\_430877 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW-5182/2020 | EPI\_ISL\_430872 | A.1 | S | North America / USA / Washington | 2-APR-2020 |
| hCoV-19/USA/WA-UW-518/2020 | EPI\_ISL\_430870 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW-517/2020 | EPI\_ISL\_430867 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/Thailand/NIH-2492/2020 | EPI\_ISL\_430841 | A.6 | S | Asia / Thailand / Bangkok | 17-MAR-2020 |
| hCoV-19/Beijing/BJ782/2020 | EPI\_ISL\_430741 | A | S | Asia / China / Beijing | 10-FEB-2020 |
| hCoV-19/Beijing/BJ589/2020 | EPI\_ISL\_430738 | A | S | Asia / China / Beijing | 5-FEB-2020 |
| hCoV-19/Beijing/BJ1112/2020 | EPI\_ISL\_430737 | A | S | Asia / China / Beijing | 25-FEB-2020 |
| hCoV-19/Beijing/BJ556/2020 | EPI\_ISL\_430733 | A | S | Asia / China / Beijing | 4-FEB-2020 |
| hCoV-19/Beijing/BJ561/2020 | EPI\_ISL\_430731 | A | S | Asia / China / Beijing | 4-FEB-2020 |
| hCoV-19/Beijing/BJ390/2020 | EPI\_ISL\_430730 | A | S | Asia / China / Beijing | 31-JAN-2020 |
| hCoV-19/Beijing/BJ709/2020 | EPI\_ISL\_430729 | SARS-CoV-2 or A | O | Asia / China / Beijing | 7-FEB-2020 |
| hCoV-19/Beijing/BJ492/2020 | EPI\_ISL\_430728 | A | S | Asia / China / Beijing | 2-FEB-2020 |
| hCoV-19/Beijing/BJ288/2020 | EPI\_ISL\_430725 | A | S | Asia / China / Beijing | 29-JAN-2020 |
| hCoV-19/Beijing/BJ752/2020 | EPI\_ISL\_430724 | A | S | Asia / China / Beijing | 8-FEB-2020 |
| hCoV-19/Beijing/BJ287/2020 | EPI\_ISL\_430722 | A | S | Asia / China / Beijing | 29-JAN-2020 |
| hCoV-19/Australia/VIC1295/2020 | EPI\_ISL\_430712 | A.3 | S | Oceania / Australia / Victoria | 9-APR-2020 |
| hCoV-19/Australia/VIC1292/2020 | EPI\_ISL\_430711 | A.1 | S | Oceania / Australia / Victoria | 9-APR-2020 |
| hCoV-19/Australia/VIC1338/2020 | EPI\_ISL\_430706 | A.5 | S | Oceania / Australia / Victoria | 13-APR-2020 |
| hCoV-19/Australia/VIC1305/2020 | EPI\_ISL\_430705 | A.3 | S | Oceania / Australia / Victoria | 10-APR-2020 |
| hCoV-19/Australia/VIC1304/2020 | EPI\_ISL\_430703 | A.2 | S | Oceania / Australia / Victoria | 10-APR-2020 |
| hCoV-19/Australia/VIC1335/2020 | EPI\_ISL\_430692 | A.2 | S | Oceania / Australia / Victoria | 13-APR-2020 |
| hCoV-19/Australia/VIC1325/2020 | EPI\_ISL\_430688 | A.2 | S | Oceania / Australia / Victoria | 12-APR-2020 |
| hCoV-19/Australia/VIC1057/2020 | EPI\_ISL\_430668 | A.1 | S | Oceania / Australia / Victoria | 3-APR-2020 |
| hCoV-19/Australia/VIC953/2020 | EPI\_ISL\_430645 | A.1.3 | S | Oceania / Australia / Victoria | 26-MAR-2020 |
| hCoV-19/Australia/VIC1104/2020 | EPI\_ISL\_430585 | A.2 | S | Oceania / Australia / Victoria | 7-APR-2020 |
| hCoV-19/Australia/VIC1103/2020 | EPI\_ISL\_430584 | A.2 | S | Oceania / Australia / Victoria | 7-APR-2020 |
| hCoV-19/Australia/VIC1087/2020 | EPI\_ISL\_430574 | A.1 | S | Oceania / Australia / Victoria | 6-APR-2020 |
| hCoV-19/Australia/VIC1079/2020 | EPI\_ISL\_430565 | A.3 | S | Oceania / Australia / Victoria | 6-APR-2020 |
| hCoV-19/Australia/VIC1061/2020 | EPI\_ISL\_430549 | A.2 | S | Oceania / Australia / Victoria | 4-APR-2020 |
| hCoV-19/Australia/VIC982/2020 | EPI\_ISL\_430543 | A.2 | S | Oceania / Australia / Victoria | 30-MAR-2020 |
| hCoV-19/Australia/VIC978/2020 | EPI\_ISL\_430542 | A.2 | S | Oceania / Australia / Victoria | 29-MAR-2020 |
| hCoV-19/Australia/VIC1023/2020 | EPI\_ISL\_430530 | A.3 | S | Oceania / Australia / Victoria | 2-APR-2020 |
| hCoV-19/Australia/VIC1200/2020 | EPI\_ISL\_430527 | A.1 | S | Oceania / Australia / Victoria | 31-MAR-2020 |
| hCoV-19/Australia/VIC1237/2020 | EPI\_ISL\_430525 | A.1 | S | Oceania / Australia / Victoria | 2-APR-2020 |
| hCoV-19/Australia/VIC1221/2020 | EPI\_ISL\_430518 | A.1.3 | S | Oceania / Australia / Victoria | 1-APR-2020 |
| hCoV-19/Australia/VIC1220/2020 | EPI\_ISL\_430517 | A.1.3 | S | Oceania / Australia / Victoria | 1-APR-2020 |
| hCoV-19/Australia/VIC1235/2020 | EPI\_ISL\_430512 | A.1.3 | S | Oceania / Australia / Victoria | 2-APR-2020 |
| hCoV-19/Australia/NT39/2020 | EPI\_ISL\_430497 | A.1 | S | Oceania / Australia / Northern Territory | 2020 |
| hCoV-19/Australia/VIC995/2020 | EPI\_ISL\_430479 | A.2 | S | Oceania / Australia / Victoria | 31-MAR-2020 |
| hCoV-19/Australia/VIC993/2020 | EPI\_ISL\_430477 | A.2 | S | Oceania / Australia / Victoria | 31-MAR-2020 |
| hCoV-19/USA/WA-S257/2020 | EPI\_ISL\_430295 | A.1 | S | North America / USA / Washington / King County | 25-FEB-2020 |
| hCoV-19/USA/WA-S256/2020 | EPI\_ISL\_430294 | A.1 | S | North America / USA / Washington / King County | 2-MAR-2020 |
| hCoV-19/USA/WA-S255/2020 | EPI\_ISL\_430293 | A.1 | S | North America / USA / Washington / Clark County | 8-MAR-2020 |
| hCoV-19/USA/WA-S254/2020 | EPI\_ISL\_430292 | A.1 | S | North America / USA / Washington / Snohomish County | 24-FEB-2020 |
| hCoV-19/USA/WA-S253/2020 | EPI\_ISL\_430291 | A.1 | S | North America / USA / Washington / Snohomish County | 7-MAR-2020 |
| hCoV-19/USA/WA-S252/2020 | EPI\_ISL\_430290 | A.1 | S | North America / USA / Washington / King County | 2-MAR-2020 |
| hCoV-19/USA/WA-S251/2020 | EPI\_ISL\_430289 | A.1 | S | North America / USA / Washington / Skagit County | 11-MAR-2020 |
| hCoV-19/USA/WA-S250/2020 | EPI\_ISL\_430288 | A.1 | S | North America / USA / Washington / Snohomish County | 3-MAR-2020 |
| hCoV-19/USA/WA-S249/2020 | EPI\_ISL\_430287 | A.1 | S | North America / USA / Washington / King County | 1-MAR-2020 |
| hCoV-19/USA/WA-S248/2020 | EPI\_ISL\_430286 | A.1 | S | North America / USA / Washington / King County | 10-MAR-2020 |
| hCoV-19/USA/WA-S247/2020 | EPI\_ISL\_430285 | A.1 | S | North America / USA / Washington / King County | 1-MAR-2020 |
| hCoV-19/USA/WA-S246/2020 | EPI\_ISL\_430284 | A.1 | S | North America / USA / Washington / King County | 10-MAR-2020 |
| hCoV-19/USA/WA-S245/2020 | EPI\_ISL\_430283 | A.1 | S | North America / USA / Washington / Snohomish County | 2-MAR-2020 |
| hCoV-19/USA/WA-S244/2020 | EPI\_ISL\_430282 | A.1 | S | North America / USA / Washington / Thurston County | 11-MAR-2020 |
| hCoV-19/USA/WA-S243/2020 | EPI\_ISL\_430281 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S242/2020 | EPI\_ISL\_430280 | A.1 | S | North America / USA / Washington / King County | 1-MAR-2020 |
| hCoV-19/USA/WA-S241/2020 | EPI\_ISL\_430279 | A.1 | S | North America / USA / Washington / King County | 4-MAR-2020 |
| hCoV-19/USA/WA-S240/2020 | EPI\_ISL\_430278 | A.1 | S | North America / USA / Washington / King County | 6-MAR-2020 |
| hCoV-19/USA/WA-S239/2020 | EPI\_ISL\_430277 | A.1 | S | North America / USA / Washington / King County | 7-MAR-2020 |
| hCoV-19/USA/WA-S238/2020 | EPI\_ISL\_430276 | A.1 | S | North America / USA / Washington / King County | 2-MAR-2020 |
| hCoV-19/USA/WA-S237/2020 | EPI\_ISL\_430275 | A.1 | S | North America / USA / Washington | 6-MAR-2020 |
| hCoV-19/USA/WA-S236/2020 | EPI\_ISL\_430274 | A.1 | S | North America / USA / Washington / King County | 1-MAR-2020 |
| hCoV-19/USA/WA-S235/2020 | EPI\_ISL\_430273 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S234/2020 | EPI\_ISL\_430272 | A.1 | S | North America / USA / Washington / King County | 28-FEB-2020 |
| hCoV-19/USA/WA-S233/2020 | EPI\_ISL\_430271 | A.1 | S | North America / USA / Washington / Snohomish County | 3-MAR-2020 |
| hCoV-19/USA/WA-S232/2020 | EPI\_ISL\_430270 | A.1 | S | North America / USA / Washington / Clark County | 8-MAR-2020 |
| hCoV-19/USA/WA-S230/2020 | EPI\_ISL\_430268 | A.1 | S | North America / USA / Washington / King County | 19-MAR-2020 |
| hCoV-19/USA/WA-S229/2020 | EPI\_ISL\_430267 | A.1 | S | North America / USA / Washington / King County | 19-MAR-2020 |
| hCoV-19/USA/WA-S227/2020 | EPI\_ISL\_430265 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-S224/2020 | EPI\_ISL\_430262 | A.1 | S | North America / USA / Washington / King County | 19-MAR-2020 |
| hCoV-19/USA/WA-S221/2020 | EPI\_ISL\_430259 | A.1 | S | North America / USA / Washington / King County | 19-MAR-2020 |
| hCoV-19/USA/WA-S219/2020 | EPI\_ISL\_430257 | A.1 | S | North America / USA / Washington / Pierce County | 20-MAR-2020 |
| hCoV-19/USA/WA-S215/2020 | EPI\_ISL\_430253 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-S213/2020 | EPI\_ISL\_430251 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-S212/2020 | EPI\_ISL\_430250 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-S211/2020 | EPI\_ISL\_430249 | A.1 | S | North America / USA / Washington / King County | 20-MAR-2020 |
| hCoV-19/USA/WA-S210/2020 | EPI\_ISL\_430248 | A.1 | S | North America / USA / Washington / King County | 19-MAR-2020 |
| hCoV-19/USA/WA-S207/2020 | EPI\_ISL\_430245 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-S201/2020 | EPI\_ISL\_430239 | A.1 | S | North America / USA / Washington / King County | 20-MAR-2020 |
| hCoV-19/USA/WA-S200/2020 | EPI\_ISL\_430238 | A.1 | S | North America / USA / Washington / Yakima County | 20-MAR-2020 |
| hCoV-19/USA/WA-S196/2020 | EPI\_ISL\_430234 | A.1 | S | North America / USA / Washington / King County | 19-MAR-2020 |
| hCoV-19/USA/WA-S194/2020 | EPI\_ISL\_430232 | A.1 | S | North America / USA / Washington / King County | 20-MAR-2020 |
| hCoV-19/USA/WA-S193/2020 | EPI\_ISL\_430231 | A.1 | S | North America / USA / Washington / Grant County | 19-MAR-2020 |
| hCoV-19/USA/WA-S190/2020 | EPI\_ISL\_430228 | A.1 | S | North America / USA / Washington / King County | 23-MAR-2020 |
| hCoV-19/USA/WA-S187/2020 | EPI\_ISL\_430225 | A.1 | S | North America / USA / Washington / King County | 20-MAR-2020 |
| hCoV-19/USA/WA-S185/2020 | EPI\_ISL\_430223 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-S184/2020 | EPI\_ISL\_430222 | A.1 | S | North America / USA / Washington / King County | 19-MAR-2020 |
| hCoV-19/USA/WA-S183/2020 | EPI\_ISL\_430221 | A.1 | S | North America / USA / Washington / King County | 19-MAR-2020 |
| hCoV-19/USA/WA-S181/2020 | EPI\_ISL\_430219 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-S178/2020 | EPI\_ISL\_430216 | A.1 | S | North America / USA / Washington / King County | 20-MAR-2020 |
| hCoV-19/USA/WA-S177/2020 | EPI\_ISL\_430215 | A.1 | S | North America / USA / Washington / King County | 19-MAR-2020 |
| hCoV-19/USA/WA-S176/2020 | EPI\_ISL\_430214 | A.1 | S | North America / USA / Washington / King County | 19-MAR-2020 |
| hCoV-19/USA/WA-S175/2020 | EPI\_ISL\_430213 | A.1 | S | North America / USA / Washington / King County | 19-MAR-2020 |
| hCoV-19/USA/WA-S174/2020 | EPI\_ISL\_430212 | A.1 | S | North America / USA / Washington / King County | 19-MAR-2020 |
| hCoV-19/USA/WA-S173/2020 | EPI\_ISL\_430211 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-S171/2020 | EPI\_ISL\_430209 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-S170/2020 | EPI\_ISL\_430208 | A.1 | S | North America / USA / Washington / Yakima County | 17-MAR-2020 |
| hCoV-19/USA/WA-S166/2020 | EPI\_ISL\_430204 | A.1 | S | North America / USA / Washington / King County | 18-MAR-2020 |
| hCoV-19/USA/WA-S165/2020 | EPI\_ISL\_430203 | A.1 | S | North America / USA / Washington / King County | 18-MAR-2020 |
| hCoV-19/USA/WA-S164/2020 | EPI\_ISL\_430202 | A.1 | S | North America / USA / Washington | 2-MAR-2020 |
| hCoV-19/USA/WA-S163/2020 | EPI\_ISL\_430201 | A.1 | S | North America / USA / Washington | 4-MAR-2020 |
| hCoV-19/USA/WA-S162/2020 | EPI\_ISL\_430200 | A.1 | S | North America / USA / Washington | 4-MAR-2020 |
| hCoV-19/USA/WA-S161/2020 | EPI\_ISL\_430199 | A.1 | S | North America / USA / Washington / King County | 17-MAR-2020 |
| hCoV-19/USA/WA-S160/2020 | EPI\_ISL\_430198 | A.1 | S | North America / USA / Washington / King County | 17-MAR-2020 |
| hCoV-19/USA/WA-S159/2020 | EPI\_ISL\_430197 | A.1 | S | North America / USA / Washington / Snohomish County | 16-MAR-2020 |
| hCoV-19/USA/WA-S158/2020 | EPI\_ISL\_430196 | A.1 | S | North America / USA / Washington / Snohomish County | 16-MAR-2020 |
| hCoV-19/USA/WA-S157/2020 | EPI\_ISL\_430194 | A.1 | S | North America / USA / Washington / Snohomish County | 16-MAR-2020 |
| hCoV-19/USA/WA-S156/2020 | EPI\_ISL\_430193 | A.1 | S | North America / USA / Washington / King County | 16-MAR-2020 |
| hCoV-19/USA/WA-S155/2020 | EPI\_ISL\_430192 | A.1 | S | North America / USA / Washington / King County | 16-MAR-2020 |
| hCoV-19/USA/WA-S154/2020 | EPI\_ISL\_430191 | A.1 | S | North America / USA / Washington / King County | 16-MAR-2020 |
| hCoV-19/USA/WA-S153/2020 | EPI\_ISL\_430190 | A.1 | S | North America / USA / Washington / King County | 16-MAR-2020 |
| hCoV-19/USA/WA-S152/2020 | EPI\_ISL\_430189 | A.1 | S | North America / USA / Washington / King County | 16-MAR-2020 |
| hCoV-19/USA/WA-S151/2020 | EPI\_ISL\_430188 | A.1 | S | North America / USA / Washington / Snohomish County | 16-MAR-2020 |
| hCoV-19/USA/WA-S150/2020 | EPI\_ISL\_430187 | A.1 | S | North America / USA / Washington / King County | 14-MAR-2020 |
| hCoV-19/USA/WA-S147/2020 | EPI\_ISL\_430184 | A.1 | S | North America / USA / Washington / King County | 14-MAR-2020 |
| hCoV-19/USA/WA-S145/2020 | EPI\_ISL\_430182 | A.1 | S | North America / USA / Washington / King County | 15-MAR-2020 |
| hCoV-19/USA/WA-S144/2020 | EPI\_ISL\_430181 | A.1 | S | North America / USA / Washington / King County | 15-MAR-2020 |
| hCoV-19/USA/WA-S143/2020 | EPI\_ISL\_430180 | A.1 | S | North America / USA / Washington / King County | 15-MAR-2020 |
| hCoV-19/USA/WA-S142/2020 | EPI\_ISL\_430179 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S141/2020 | EPI\_ISL\_430178 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S140/2020 | EPI\_ISL\_430177 | A.1 | S | North America / USA / Washington / King County | 12-MAR-2020 |
| hCoV-19/USA/WA-S139/2020 | EPI\_ISL\_430176 | A.1 | S | North America / USA / Washington / King County | 12-MAR-2020 |
| hCoV-19/USA/WA-S138/2020 | EPI\_ISL\_430175 | A.1 | S | North America / USA / Washington / Snohomish County | 12-MAR-2020 |
| hCoV-19/USA/WA-S137/2020 | EPI\_ISL\_430174 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S136/2020 | EPI\_ISL\_430173 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S135/2020 | EPI\_ISL\_430172 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S134/2020 | EPI\_ISL\_430171 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S133/2020 | EPI\_ISL\_430170 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S132/2020 | EPI\_ISL\_430169 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S131/2020 | EPI\_ISL\_430168 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S130/2020 | EPI\_ISL\_430167 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S129/2020 | EPI\_ISL\_430166 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S128/2020 | EPI\_ISL\_430165 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S127/2020 | EPI\_ISL\_430164 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S126/2020 | EPI\_ISL\_430163 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S125/2020 | EPI\_ISL\_430162 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S124/2020 | EPI\_ISL\_430161 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S123/2020 | EPI\_ISL\_430160 | A.1 | S | North America / USA / Washington | 29-FEB-2020 |
| hCoV-19/USA/WA-S302/2020 | EPI\_ISL\_430156 | A.1 | S | North America / USA / Washington / King County | 4-MAR-2020 |
| hCoV-19/USA/WA-S301/2020 | EPI\_ISL\_430155 | A.1 | S | North America / USA / Washington / Pierce County | 14-MAR-2020 |
| hCoV-19/USA/WA-S299/2020 | EPI\_ISL\_430153 | A.1 | S | North America / USA / Washington / King County | 31-MAR-2020 |
| hCoV-19/USA/WA-S298/2020 | EPI\_ISL\_430152 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S297/2020 | EPI\_ISL\_430151 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S296/2020 | EPI\_ISL\_430150 | A.1 | S | North America / USA / Washington / King County | 13-MAR-2020 |
| hCoV-19/USA/WA-S292/2020 | EPI\_ISL\_430146 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S290/2020 | EPI\_ISL\_430144 | A.1 | S | North America / USA / Washington / King County | 23-MAR-2020 |
| hCoV-19/USA/WA-S288/2020 | EPI\_ISL\_430142 | A.1 | S | North America / USA / Washington / King County | 6-MAR-2020 |
| hCoV-19/USA/WA-S287/2020 | EPI\_ISL\_430141 | A.1 | S | North America / USA / Washington / King County | 6-MAR-2020 |
| hCoV-19/USA/WA-S286/2020 | EPI\_ISL\_430140 | A.1 | S | North America / USA / Washington / Pierce County | 15-MAR-2020 |
| hCoV-19/USA/WA-S283/2020 | EPI\_ISL\_430137 | A.1 | S | North America / USA / Washington / King County | 21-MAR-2020 |
| hCoV-19/USA/WA-S281/2020 | EPI\_ISL\_430135 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S280/2020 | EPI\_ISL\_430134 | A.1 | S | North America / USA / Washington / King County | 9-MAR-2020 |
| hCoV-19/USA/WA-S279/2020 | EPI\_ISL\_430133 | A.1 | S | North America / USA / Washington / King County | 4-MAR-2020 |
| hCoV-19/USA/WA-S278/2020 | EPI\_ISL\_430132 | A.3 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-S277/2020 | EPI\_ISL\_430131 | A.1 | S | North America / USA / Washington / King County | 22-FEB-2020 |
| hCoV-19/USA/WA-S275/2020 | EPI\_ISL\_430129 | A.1 | S | North America / USA / Washington / King County | 6-MAR-2020 |
| hCoV-19/USA/WA-S273/2020 | EPI\_ISL\_430127 | A.1 | S | North America / USA / Washington / King County | 12-MAR-2020 |
| hCoV-19/USA/WA-S272/2020 | EPI\_ISL\_430126 | A.1 | S | North America / USA / Washington / King County | 26-FEB-2020 |
| hCoV-19/USA/WA-S271/2020 | EPI\_ISL\_430125 | A.1 | S | North America / USA / Washington / King County | 31-MAR-2020 |
| hCoV-19/USA/WA-S270/2020 | EPI\_ISL\_430124 | A.1 | S | North America / USA / Washington / King County | 6-MAR-2020 |
| hCoV-19/USA/WA-S269/2020 | EPI\_ISL\_430123 | A.1 | S | North America / USA / Washington / King County | 10-MAR-2020 |
| hCoV-19/USA/WA-S268/2020 | EPI\_ISL\_430122 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S265/2020 | EPI\_ISL\_430119 | A.1 | S | North America / USA / Washington / Snohomish County | 5-MAR-2020 |
| hCoV-19/USA/WA-S264/2020 | EPI\_ISL\_430118 | A.1 | S | North America / USA / Washington / King County | 3-MAR-2020 |
| hCoV-19/USA/WA-S263/2020 | EPI\_ISL\_430117 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S262/2020 | EPI\_ISL\_430116 | A.3 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-S260/2020 | EPI\_ISL\_430114 | A.1 | S | North America / USA / Washington / King County | 12-MAR-2020 |
| hCoV-19/USA/WA-S259/2020 | EPI\_ISL\_430113 | A.1 | S | North America / USA / Washington / King County | 4-MAR-2020 |
| hCoV-19/Australia/VIC-CBA4/2020 | EPI\_ISL\_430064 | A.1 | S | Oceania / Australia / Victoria | 7-MAR-2020 |
| hCoV-19/Jordan/SR-039/2020 | EPI\_ISL\_429998 | A.5 | O | Asia / Jordan / Amman | 28-MAR-2020 |
| hCoV-19/USA/VA-DCLS-0071/2020 | EPI\_ISL\_429971 | A.3 | S | North America / USA / Virginia | 30-MAR-2020 |
| hCoV-19/USA/VA-DCLS-0070/2020 | EPI\_ISL\_429970 | A.3 | S | North America / USA / Virginia | 28-MAR-2020 |
| hCoV-19/Lishui/LS559/2020 | EPI\_ISL\_429855 | A | S | Asia / China / Zhejiang / Lishui | 31-JAN-2020 |
| hCoV-19/Lishui/LS557/2020 | EPI\_ISL\_429854 | A | S | Asia / China / Zhejiang / Lishui | 1-FEB-2020 |
| hCoV-19/Canada/MB\_38/2020 | EPI\_ISL\_429819 | A.1 | S | North America / Canada / Manitoba | 18-MAR-2020 |
| hCoV-19/Canada/NL\_34/2020 | EPI\_ISL\_429815 | A.1 | S | North America / Canada / Newfoundland and Labrador | 15-MAR-2020 |
| hCoV-19/Luxembourg/LNS5611124/2020 | EPI\_ISL\_429774 | A.2 | S | Europe / Luxembourg | 23-MAR-2020 |
| hCoV-19/Luxembourg/LNS6325758/2020 | EPI\_ISL\_429743 | A.2 | S | Europe / Luxembourg | 29-MAR-2020 |
| hCoV-19/Luxembourg/LNS5488745/2020 | EPI\_ISL\_429738 | A.2 | S | Europe / Luxembourg | 18-MAR-2020 |
| hCoV-19/USA/WA-UW-5152/2020 | EPI\_ISL\_429650 | A.1 | S | North America / USA / Washington | 2-APR-2020 |
| hCoV-19/USA/WA-UW-5144/2020 | EPI\_ISL\_429649 | A.1 | S | North America / USA / Washington | 2-APR-2020 |
| hCoV-19/USA/UN-UW-4645/2020 | EPI\_ISL\_429628 | A.1 | S | North America / USA | 6-APR-2020 |
| hCoV-19/USA/WA-UW-4766/2020 | EPI\_ISL\_429623 | A.1 | S | North America / USA / Washington | 28-MAR-2020 |
| hCoV-19/USA/WA-UW-4609/2020 | EPI\_ISL\_429612 | A.1 | S | North America / USA / Washington | 26-MAR-2020 |
| hCoV-19/USA/WA-UW-4546/2020 | EPI\_ISL\_429598 | A.1 | S | North America / USA / Washington | 31-MAR-2020 |
| hCoV-19/Thailand/Bangkok-0041/2020 | EPI\_ISL\_429177 | A.6 | S | Asia / Thailand / Bangkok | 28-MAR-2020 |
| hCoV-19/Thailand/Bangkok-0040/2020 | EPI\_ISL\_429176 | A.6 | S | Asia / Thailand / Bangkok | 28-MAR-2020 |
| hCoV-19/Thailand/Bangkok-0037/2020 | EPI\_ISL\_429173 | A.6 | S | Asia / Thailand / Bangkok | 21-MAR-2020 |
| hCoV-19/Thailand/Bangkok-0035/2020 | EPI\_ISL\_429171 | A.6 | S | Asia / Thailand / Bangkok | 18-MAR-2020 |
| hCoV-19/Thailand/Bangkok-0034/2020 | EPI\_ISL\_429170 | A.6 | S | Asia / Thailand / Bangkok | 17-MAR-2020 |
| hCoV-19/Thailand/Bangkok-0029/2020 | EPI\_ISL\_429167 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Thailand/Bangkok-0028/2020 | EPI\_ISL\_429166 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Thailand/Bangkok-0026/2020 | EPI\_ISL\_429165 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Thailand/Bangkok-0025/2020 | EPI\_ISL\_429164 | A.6 | S | Asia / Thailand / Bangkok | 13-MAR-2020 |
| hCoV-19/Guangzhou/GZMU0056/2020 | EPI\_ISL\_429099 | A | S | Asia / China / Guangzhou | 29-JAN-2020 |
| hCoV-19/Guangzhou/GZMU0050/2020 | EPI\_ISL\_429095 | A | S | Asia / China / Guangzhou | 8-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0049/2020 | EPI\_ISL\_429094 | A | S | Asia / China / Guangzhou | 8-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0046/2020 | EPI\_ISL\_429093 | A | S | Asia / China / Guangzhou | 8-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0045/2020 | EPI\_ISL\_429092 | A | S | Asia / China / Guangzhou | 8-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0041/2020 | EPI\_ISL\_429091 | A | S | Asia / China / Guangzhou | 8-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0039/2020 | EPI\_ISL\_429090 | A | S | Asia / China / Guangzhou | 8-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0025/2020 | EPI\_ISL\_429084 | A | S | Asia / China / Guangzhou | 5-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0024/2020 | EPI\_ISL\_429083 | A | S | Asia / China / Guangzhou | 5-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0023/2020 | EPI\_ISL\_429082 | A | S | Asia / China / Guangzhou | 5-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0008/2020 | EPI\_ISL\_429075 | A | S | Asia / China / Guangzhou | 7-FEB-2020 |
| hCoV-19/USA/CA-CZB04/2020 | EPI\_ISL\_429069 | A.1 | S | North America / USA / California / San Francisco | 25-MAR-2020 |
| hCoV-19/USA/CA-CZB027/2020 | EPI\_ISL\_429068 | A.1 | S | North America / USA / California / San Francisco | 25-MAR-2020 |
| hCoV-19/USA/CA-CZB0109/2020 | EPI\_ISL\_429066 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB0112/2020 | EPI\_ISL\_429065 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB040/2020 | EPI\_ISL\_429064 | A.1 | S | North America / USA / California / San Francisco | 25-MAR-2020 |
| hCoV-19/USA/CA-CZB011b/2020 | EPI\_ISL\_429063 | A.1 | S | North America / USA / California / San Francisco | 25-MAR-2020 |
| hCoV-19/USA/CA-CZB0151/2020 | EPI\_ISL\_429061 | A.1 | S | North America / USA / California / San Francisco | 8-APR-2020 |
| hCoV-19/USA/CA-CZB0725/2020 | EPI\_ISL\_429060 | A.1 | S | North America / USA / California / San Francisco | 31-MAR-2020 |
| hCoV-19/USA/CA-CZB0110/2020 | EPI\_ISL\_429059 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB0114/2020 | EPI\_ISL\_429058 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB076/2020 | EPI\_ISL\_429057 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB0101/2020 | EPI\_ISL\_429056 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB0726/2020 | EPI\_ISL\_429055 | A.1 | S | North America / USA / California / San Francisco | 31-MAR-2020 |
| hCoV-19/USA/CA-CZB0141/2020 | EPI\_ISL\_429054 | A.1 | S | North America / USA / California / San Francisco | 8-APR-2020 |
| hCoV-19/USA/CA-CZB090/2020 | EPI\_ISL\_429049 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB043/2020 | EPI\_ISL\_429048 | A.3 | S | North America / USA / California / San Francisco | 25-MAR-2020 |
| hCoV-19/USA/CA-CZB0154/2020 | EPI\_ISL\_429047 | A.1 | S | North America / USA / California / San Francisco | 8-APR-2020 |
| hCoV-19/USA/CA-CZB0125/2020 | EPI\_ISL\_429046 | A.1 | S | North America / USA / California / San Francisco | 8-APR-2020 |
| hCoV-19/USA/CA-CZB039/2020 | EPI\_ISL\_429045 | A.1 | S | North America / USA / California / San Francisco | 25-MAR-2020 |
| hCoV-19/USA/CA-CZB0158/2020 | EPI\_ISL\_429044 | A.1 | S | North America / USA / California / San Francisco | 8-APR-2020 |
| hCoV-19/USA/CA-CZB096/2020 | EPI\_ISL\_429041 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB0701/2020 | EPI\_ISL\_429040 | A.1 | S | North America / USA / California / San Francisco | 23-MAR-2020 |
| hCoV-19/USA/CA-CZB036/2020 | EPI\_ISL\_429039 | A.1 | S | North America / USA / California / San Francisco | 25-MAR-2020 |
| hCoV-19/USA/CA-CZB082/2020 | EPI\_ISL\_429032 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB0746/2020 | EPI\_ISL\_429028 | A.1 | S | North America / USA / California / San Francisco | 3-APR-2020 |
| hCoV-19/USA/CA-CZB0737/2020 | EPI\_ISL\_429025 | A.1 | S | North America / USA / California / San Francisco | 31-MAR-2020 |
| hCoV-19/USA/CA-CZB045/2020 | EPI\_ISL\_429021 | A.1 | S | North America / USA / California / San Francisco | 25-MAR-2020 |
| hCoV-19/USA/CA-CZB0721/2020 | EPI\_ISL\_429020 | A.1 | S | North America / USA / California / San Francisco | 31-MAR-2020 |
| hCoV-19/USA/CA-CZB078/2020 | EPI\_ISL\_429019 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB0108/2020 | EPI\_ISL\_429010 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB091/2020 | EPI\_ISL\_429008 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB079/2020 | EPI\_ISL\_429005 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB0103/2020 | EPI\_ISL\_429000 | A.1 | S | North America / USA / California / San Francisco | 28-MAR-2020 |
| hCoV-19/USA/CA-CZB015b/2020 | EPI\_ISL\_428997 | A.1 | S | North America / USA / California / San Francisco | 25-MAR-2020 |
| hCoV-19/USA/CA-CZB0133/2020 | EPI\_ISL\_428995 | A.1 | S | North America / USA / California / San Francisco | 8-APR-2020 |
| hCoV-19/Russia/Kabardino-Balkaria-80503/2020 | EPI\_ISL\_428898 | A.p7 | S | Europe / Russia / Republic of Kabardino-Balkaria | 23-MAR-2020 |
| hCoV-19/Russia/Kabardino-Balkaria-80501/2020 | EPI\_ISL\_428893 | A.p7 | S | Europe / Russia / Republic of Kabardino-Balkaria | 23-MAR-2020 |
| hCoV-19/Singapore/48/2020 | EPI\_ISL\_428827 | A.1 | S | Asia / Singapore | 17-MAR-2020 |
| hCoV-19/USA/CT-Yale-088/2020 | EPI\_ISL\_428747 | A | S | North America / USA / Connecticut | 6-APR-2020 |
| hCoV-19/USA/WI-UW-255/2020 | EPI\_ISL\_428729 | A.4 | S | North America / USA / Wisconsin | 2-APR-2020 |
| hCoV-19/USA/WI-UW-252/2020 | EPI\_ISL\_428726 | A.3 | S | North America / USA / Wisconsin | 24-MAR-2020 |
| hCoV-19/Spain/Madrid\_H12\_4011/2020 | EPI\_ISL\_428710 | A.2 | S | Europe / Spain / Madrid | 22-MAR-2020 |
| hCoV-19/Spain/Madrid\_H12\_3405/2020 | EPI\_ISL\_428704 | A.5 | S | Europe / Spain / Madrid | 11-MAR-2020 |
| hCoV-19/Spain/Madrid\_H12\_2501/2020 | EPI\_ISL\_428700 | A.5 | S | Europe / Spain / Madrid | 27-MAR-2020 |
| hCoV-19/Spain/Madrid\_H12\_36/2020 | EPI\_ISL\_428699 | A.2 | S | Europe / Spain / Madrid | 9-MAR-2020 |
| hCoV-19/Spain/Madrid\_H12\_35/2020 | EPI\_ISL\_428698 | A.5 | S | Europe / Spain / Madrid | 12-MAR-2020 |
| hCoV-19/Spain/Madrid\_H12\_29/2020 | EPI\_ISL\_428692 | A.2 | S | Europe / Spain / Madrid | 12-MAR-2020 |
| hCoV-19/Spain/Madrid\_H12\_28/2020 | EPI\_ISL\_428691 | A.2 | S | Europe / Spain / Madrid | 21-MAR-2020 |
| hCoV-19/Spain/Madrid\_H12\_13/2020 | EPI\_ISL\_428683 | A.5 or A | S | Europe / Spain / Madrid | 3-MAR-2020 |
| hCoV-19/Spain/Madrid\_LP22\_5885/2020 | EPI\_ISL\_428678 | A.5 or A | S | Europe / Spain / Madrid | 8-MAR-2020 |
| hCoV-19/Spain/Madrid\_LP20\_2327/2020 | EPI\_ISL\_428677 | A.2 | S | Europe / Spain / Madrid | 11-MAR-2020 |
| hCoV-19/Spain/Madrid\_LP19\_4952/2020 | EPI\_ISL\_428676 | A.5 or A | S | Europe / Spain / Madrid | 7-MAR-2020 |
| hCoV-19/Spain/Madrid\_LP16\_6193/2020 | EPI\_ISL\_428675 | A.5 or A | S | Europe / Spain / Madrid | 9-MAR-2020 |
| hCoV-19/Spain/Madrid\_LP11\_2271/2020 | EPI\_ISL\_428674 | A.5 or A | V | Europe / Spain / Madrid | 9-MAR-2020 |
| hCoV-19/Guangdong/20SF813/2020 | EPI\_ISL\_428476 | A | S | Asia / China / Guangdong / Huizhou | 28-JAN-2020 |
| hCoV-19/Guangdong/20SF685/2020 | EPI\_ISL\_428471 | A | S | Asia / China / Guangdong / Shantou | 27-JAN-2020 |
| hCoV-19/Guangdong/20SF684/2020 | EPI\_ISL\_428470 | A | S | Asia / China / Guangdong / Shantou | 27-JAN-2020 |
| hCoV-19/Guangdong/20SF4051/2020 | EPI\_ISL\_428463 | A | S | Asia / China / Guangdong / Guangzhou | 17-FEB-2020 |
| hCoV-19/Guangdong/20SF4047/2020 | EPI\_ISL\_428462 | A | S | Asia / China / Guangdong / Guangzhou | 17-FEB-2020 |
| hCoV-19/Guangdong/20SF2546/2020 | EPI\_ISL\_428458 | A | S | Asia / China / Guangdong / Guangzhou | 6-FEB-2020 |
| hCoV-19/Guangdong/20SF254/2020 | EPI\_ISL\_428457 | A | S | Asia / China / Guangdong / Huizhou | 23-JAN-2020 |
| hCoV-19/Guangdong/20SF123/2020 | EPI\_ISL\_428449 | A | S | Asia / China / Guangdong / Zhanjiang | 20-JAN-2020 |
| hCoV-19/Guangdong/20SF118/2020 | EPI\_ISL\_428448 | A | S | Asia / China / Guangdong / Shenzhen | 21-JAN-2020 |
| hCoV-19/Guangdong/20SF117/2020 | EPI\_ISL\_428447 | A | S | Asia / China / Guangdong / Shenzhen | 21-JAN-2020 |
| hCoV-19/Guangdong/20SF115/2020 | EPI\_ISL\_428443 | A | S | Asia / China / Guangdong / Guangzhou | 21-JAN-2020 |
| hCoV-19/Guangdong/20SF1107/2020 | EPI\_ISL\_428441 | A | S | Asia / China / Guangdong / Huizhou | 29-JAN-2020 |
| hCoV-19/USA/CT-Yale-057/2020 | EPI\_ISL\_428378 | A.1 | S | North America / USA / Connecticut | 28-MAR-2020 |
| hCoV-19/USA/CT-Yale-041/2020 | EPI\_ISL\_428372 | A.1 | S | North America / USA / Connecticut | 16-MAR-2020 |
| hCoV-19/USA/CT-Yale-032/2020 | EPI\_ISL\_428370 | A.1 | S | North America / USA / Connecticut | 18-MAR-2020 |
| hCoV-19/USA/WI-UW-245/2020 | EPI\_ISL\_428341 | A.3 | S | North America / USA / Wisconsin / Milwaukee | 28-MAR-2020 |
| hCoV-19/USA/WI-UW-235/2020 | EPI\_ISL\_428331 | A.3 | S | North America / USA / Wisconsin / Cudahy | 28-MAR-2020 |
| hCoV-19/USA/WI-UW-218/2020 | EPI\_ISL\_428314 | A.3 | S | North America / USA / Wisconsin / Milwaukee | 25-MAR-2020 |
| hCoV-19/USA/WI-UW-189/2020 | EPI\_ISL\_428285 | A.3 | S | North America / USA / Wisconsin / Milwaukee | 23-MAR-2020 |
| hCoV-19/USA/WI-UW-184/2020 | EPI\_ISL\_428280 | A.3 | S | North America / USA / Wisconsin / Milwaukee | 22-MAR-2020 |
| hCoV-19/USA/WI-UW-167/2020 | EPI\_ISL\_428263 | A.1 | S | North America / USA / Wisconsin / New Berlin | 18-MAR-2020 |
| hCoV-19/USA/WI-UW-166/2020 | EPI\_ISL\_428262 | A.3 | S | North America / USA / Wisconsin / Greenfield | 17-MAR-2020 |
| hCoV-19/Korea/KCDC2018/2020 | EPI\_ISL\_427812 | A | S | Asia / South Korea | 19-FEB-2020 |
| hCoV-19/Australia/NSW207/2020 | EPI\_ISL\_427807 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 23-MAR-2020 |
| hCoV-19/Australia/NSW196/2020 | EPI\_ISL\_427806 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 26-MAR-2020 |
| hCoV-19/Australia/NSW186/2020 | EPI\_ISL\_427803 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 24-MAR-2020 |
| hCoV-19/Australia/NSW193/2020 | EPI\_ISL\_427798 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 20-MAR-2020 |
| hCoV-19/Australia/NSW192/2020 | EPI\_ISL\_427797 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 26-MAR-2020 |
| hCoV-19/Australia/NSW185/2020 | EPI\_ISL\_427793 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 26-MAR-2020 |
| hCoV-19/Australia/NSW204/2020 | EPI\_ISL\_427792 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 25-MAR-2020 |
| hCoV-19/Australia/NSW191/2020 | EPI\_ISL\_427786 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 25-MAR-2020 |
| hCoV-19/Australia/NSW99/2020 | EPI\_ISL\_427777 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 21-MAR-2020 |
| hCoV-19/Australia/NSW98/2020 | EPI\_ISL\_427774 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 22-MAR-2020 |
| hCoV-19/Australia/NSW97/2020 | EPI\_ISL\_427769 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 23-MAR-2020 |
| hCoV-19/Australia/NSW195/2020 | EPI\_ISL\_427767 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 22-MAR-2020 |
| hCoV-19/Australia/NSW210/2020 | EPI\_ISL\_427766 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 25-MAR-2020 |
| hCoV-19/Australia/NSW203/2020 | EPI\_ISL\_427765 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 22-MAR-2020 |
| hCoV-19/Australia/NSW194/2020 | EPI\_ISL\_427763 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 23-MAR-2020 |
| hCoV-19/Australia/NSW202/2020 | EPI\_ISL\_427762 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 22-MAR-2020 |
| hCoV-19/Australia/NSW209/2020 | EPI\_ISL\_427755 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 23-MAR-2020 |
| hCoV-19/Australia/NSW208/2020 | EPI\_ISL\_427753 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 24-MAR-2020 |
| hCoV-19/Australia/NSW184/2020 | EPI\_ISL\_427752 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 24-MAR-2020 |
| hCoV-19/Australia/NSW199/2020 | EPI\_ISL\_427747 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 22-MAR-2020 |
| hCoV-19/Australia/NSW197/2020 | EPI\_ISL\_427746 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 21-MAR-2020 |
| hCoV-19/Australia/NSW205/2020 | EPI\_ISL\_427745 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 21-MAR-2020 |
| hCoV-19/Australia/NSW189/2020 | EPI\_ISL\_427740 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 21-MAR-2020 |
| hCoV-19/Australia/NSW190/2020 | EPI\_ISL\_427736 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 16-MAR-2020 |
| hCoV-19/Australia/NSW216/2020 | EPI\_ISL\_427732 | A.3 | O | Oceania / Australia / New South Wales / Sydney | 17-MAR-2020 |
| hCoV-19/Australia/NSW215/2020 | EPI\_ISL\_427730 | A.3 | O | Oceania / Australia / New South Wales / Sydney | 17-MAR-2020 |
| hCoV-19/Australia/NSW214/2020 | EPI\_ISL\_427727 | A.3 | O | Oceania / Australia / New South Wales / Sydney | 17-MAR-2020 |
| hCoV-19/Australia/NSW213/2020 | EPI\_ISL\_427726 | A.3 | O | Oceania / Australia / New South Wales / Sydney | 19-MAR-2020 |
| hCoV-19/Australia/NSW100/2020 | EPI\_ISL\_427722 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 18-MAR-2020 |
| hCoV-19/Australia/NSW94/2020 | EPI\_ISL\_427716 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 22-MAR-2020 |
| hCoV-19/Australia/NSW183/2020 | EPI\_ISL\_427714 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 21-MAR-2020 |
| hCoV-19/Australia/NSW182/2020 | EPI\_ISL\_427713 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 21-MAR-2020 |
| hCoV-19/Australia/NSW201/2020 | EPI\_ISL\_427710 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 21-MAR-2020 |
| hCoV-19/Australia/NSW181/2020 | EPI\_ISL\_427709 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 21-MAR-2020 |
| hCoV-19/Australia/NSW198/2020 | EPI\_ISL\_427707 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 23-MAR-2020 |
| hCoV-19/Australia/NSW180/2020 | EPI\_ISL\_427701 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 22-MAR-2020 |
| hCoV-19/Australia/NSW211/2020 | EPI\_ISL\_427699 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 21-MAR-2020 |
| hCoV-19/Australia/NSW206/2020 | EPI\_ISL\_427695 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 22-MAR-2020 |
| hCoV-19/Australia/NSW188/2020 | EPI\_ISL\_427694 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 22-MAR-2020 |
| hCoV-19/Australia/NSW187/2020 | EPI\_ISL\_427691 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 22-MAR-2020 |
| hCoV-19/Australia/NSW179/2020 | EPI\_ISL\_427685 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 23-MAR-2020 |
| hCoV-19/Australia/NSW200/2020 | EPI\_ISL\_427684 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 23-MAR-2020 |
| hCoV-19/Australia/NSW93/2020 | EPI\_ISL\_427681 | A | O | Oceania / Australia / New South Wales / Sydney | 19-MAR-2020 |
| hCoV-19/Australia/NSW96/2020 | EPI\_ISL\_427678 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 23-MAR-2020 |
| hCoV-19/Australia/NSW92/2020 | EPI\_ISL\_427675 | A | O | Oceania / Australia / New South Wales / Sydney | 17-MAR-2020 |
| hCoV-19/Australia/NSW95/2020 | EPI\_ISL\_427672 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 23-MAR-2020 |
| hCoV-19/Australia/NSW212/2020 | EPI\_ISL\_427671 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 21-MAR-2020 |
| hCoV-19/Australia/NSW178/2020 | EPI\_ISL\_427670 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 21-MAR-2020 |
| hCoV-19/Australia/NSW177/2020 | EPI\_ISL\_427667 | A.2 | O | Oceania / Australia / New South Wales / Sydney | 23-MAR-2020 |
| hCoV-19/USA/NY-WCMP11A03P/2020 | EPI\_ISL\_427583 | A.3 | S | North America / USA / New York / Manhattan | 16-MAR-2020 |
| hCoV-19/USA/NY-WCMP9A05P/2020 | EPI\_ISL\_427544 | A.1 | S | North America / USA / New York / Manhattan | 14-MAR-2020 |
| hCoV-19/USA/NY-WCMP4D04P/2020 | EPI\_ISL\_427536 | A.1 | S | North America / USA / New York / Manhattan | 13-MAR-2020 |
| hCoV-19/USA/NY-WCMP4A02N/2020 | EPI\_ISL\_427531 | A | S | North America / USA / New York / Manhattan | 13-MAR-2020 |
| hCoV-19/USA/NY-WCMP2D02P/2020 | EPI\_ISL\_427527 | A.1 | S | North America / USA / New York / Manhattan | 12-MAR-2020 |
| hCoV-19/USA/WI-UW-149/2020 | EPI\_ISL\_427456 | A.4 | S | North America / USA / Illinois | 7-APR-2020 |
| hCoV-19/USA/WI-UW-146/2020 | EPI\_ISL\_427453 | A.4 | S | North America / USA / Wisconsin / Madison | 6-APR-2020 |
| hCoV-19/USA/WI-UW-143/2020 | EPI\_ISL\_427450 | A.3 | S | North America / USA / Illinois | 13-APR-2020 |
| hCoV-19/USA/WI-UW-132/2020 | EPI\_ISL\_427439 | A.4 | S | North America / USA / Wisconsin / Beloit | 10-APR-2020 |
| hCoV-19/USA/WI-UW-129/2020 | EPI\_ISL\_427436 | A.4 | S | North America / USA / Wisconsin / Middleton | 6-APR-2020 |

The following pandemic sequences contain ORF 8 replacement L84S

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| **Virus name** | **GISAID ID** | **Lineage** | **GISAID Clade** | **Location** | **Collection date** |
| --- | --- | --- | --- | --- | --- |
| hCoV-19/USA/WI-UW-126/2020 | EPI\_ISL\_427433 | A.3 | S | North America / USA / Illinois | 11-APR-2020 |
| hCoV-19/Brazil/RJ-352/2020 | EPI\_ISL\_427299 | A.2 | S | South America / Brazil / Rio de Janeiro / Niteroi | 5-MAR-2020 |
| hCoV-19/USA/OH-OSUP0016/2020 | EPI\_ISL\_427288 | A.3 | S | North America / USA / Ohio / Columbus | 31-MAR-2020 |
| hCoV-19/USA/MN-MDH-146/2020 | EPI\_ISL\_427285 | B.1 or B | O | North America / USA / Minnesota | 22-MAR-2020 |
| hCoV-19/USA/MN-MDH-141/2020 | EPI\_ISL\_427280 | A.1 | S | North America / USA / Minnesota | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-4335/2020 | EPI\_ISL\_427266 | A.1 | S | North America / USA / Washington | 30-MAR-2020 |
| hCoV-19/USA/WA-UW-4330/2020 | EPI\_ISL\_427265 | A.1 | S | North America / USA / Washington | 31-MAR-2020 |
| hCoV-19/USA/WA-UW-4281/2020 | EPI\_ISL\_427252 | A.1 | S | North America / USA / Washington | 31-MAR-2020 |
| hCoV-19/USA/WA-UW-4217/2020 | EPI\_ISL\_427249 | A.1 | S | North America / USA / Washington | 31-MAR-2020 |
| hCoV-19/USA/WA-UW-4039/2020 | EPI\_ISL\_427237 | A.1 | S | North America / USA / Washington | 29-MAR-2020 |
| hCoV-19/USA/WA-UW-3985/2020 | EPI\_ISL\_427226 | A.1 | S | North America / USA / Washington | 29-MAR-2020 |
| hCoV-19/USA/WA-UW-3959/2020 | EPI\_ISL\_427220 | A.1 | S | North America / USA / Washington | 27-MAR-2020 |
| hCoV-19/USA/WA-UW-3950/2020 | EPI\_ISL\_427218 | A.1 | S | North America / USA / Washington | 27-MAR-2020 |
| hCoV-19/USA/WA-UW-3940/2020 | EPI\_ISL\_427214 | A.1 | S | North America / USA / Washington | 27-MAR-2020 |
| hCoV-19/USA/WA-UW-3917/2020 | EPI\_ISL\_427208 | A.1 | S | North America / USA / Washington | 27-MAR-2020 |
| hCoV-19/USA/WA-UW-3908/2020 | EPI\_ISL\_427206 | A.1 | S | North America / USA / Washington | 27-MAR-2020 |
| hCoV-19/USA/WA-UW-3900/2020 | EPI\_ISL\_427204 | A.1 | S | North America / USA / Washington | 27-MAR-2020 |
| hCoV-19/USA/WA-UW-3895/2020 | EPI\_ISL\_427203 | A.1 | S | North America / USA / Washington | 27-MAR-2020 |
| hCoV-19/USA/WA-UW-3858/2020 | EPI\_ISL\_427195 | A.1 | S | North America / USA / Washington | 26-MAR-2020 |
| hCoV-19/USA/WA-UW-3850/2020 | EPI\_ISL\_427193 | A.1 | S | North America / USA / Washington | 26-MAR-2020 |
| hCoV-19/USA/WA-UW-3841/2020 | EPI\_ISL\_427190 | A.3 | S | North America / USA / Washington | 26-MAR-2020 |
| hCoV-19/USA/WA-UW-3834/2020 | EPI\_ISL\_427187 | A.1 | S | North America / USA / Washington | 26-MAR-2020 |
| hCoV-19/USA/WA-UW-3833/2020 | EPI\_ISL\_427186 | A.1 | S | North America / USA / Washington | 26-MAR-2020 |
| hCoV-19/USA/WA-UW-3827/2020 | EPI\_ISL\_427182 | A.1 | S | North America / USA / Washington | 26-MAR-2020 |
| hCoV-19/USA/WA-UW-3816/2020 | EPI\_ISL\_427179 | A.1 | S | North America / USA / Washington | 26-MAR-2020 |
| hCoV-19/USA/WA-UW-3815/2020 | EPI\_ISL\_427178 | A.1 | S | North America / USA / Washington | 27-MAR-2020 |
| hCoV-19/USA/WA-UW-3814/2020 | EPI\_ISL\_427177 | A.1 | S | North America / USA / Washington | 26-MAR-2020 |
| hCoV-19/USA/WA-UW-3810/2020 | EPI\_ISL\_427175 | A.1 | S | North America / USA / Washington | 26-MAR-2020 |
| hCoV-19/USA/WA-UW-3809/2020 | EPI\_ISL\_427174 | A.1 | S | North America / USA / Washington | 26-MAR-2020 |
| hCoV-19/Australia/VIC892/2020 | EPI\_ISL\_427144 | A.2 | S | Oceania / Australia / Victoria | 6-APR-2020 |
| hCoV-19/Australia/VIC886/2020 | EPI\_ISL\_427139 | A.3 | S | Oceania / Australia / Victoria | 6-APR-2020 |
| hCoV-19/Australia/VIC875/2020 | EPI\_ISL\_427130 | A.3 | S | Oceania / Australia / Victoria | 5-APR-2020 |
| hCoV-19/Australia/VIC847/2020 | EPI\_ISL\_427107 | A.1 | S | Oceania / Australia / Victoria | 4-APR-2020 |
| hCoV-19/Australia/VIC836/2020 | EPI\_ISL\_427100 | A.3 | S | Oceania / Australia / Victoria | 4-APR-2020 |
| hCoV-19/Australia/VIC810/2020 | EPI\_ISL\_427084 | A.1.3 | S | Oceania / Australia / Victoria | 1-APR-2020 |
| hCoV-19/Australia/VIC792/2020 | EPI\_ISL\_427067 | A.2 | S | Oceania / Australia / Victoria | 31-MAR-2020 |
| hCoV-19/Australia/VIC791/2020 | EPI\_ISL\_427066 | A.2 | S | Oceania / Australia / Victoria | 31-MAR-2020 |
| hCoV-19/Australia/VIC784/2020 | EPI\_ISL\_427059 | A.1.3 | S | Oceania / Australia / Victoria | 30-MAR-2020 |
| hCoV-19/Australia/VIC777/2020 | EPI\_ISL\_427052 | A.2 | S | Oceania / Australia / Victoria | 30-MAR-2020 |
| hCoV-19/Australia/VIC769/2020 | EPI\_ISL\_427046 | A.2 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC763/2020 | EPI\_ISL\_427039 | A.2 | S | Oceania / Australia / Victoria | 30-MAR-2020 |
| hCoV-19/Australia/VIC746/2020 | EPI\_ISL\_427024 | A.3 | S | Oceania / Australia / Victoria | 29-MAR-2020 |
| hCoV-19/Australia/VIC741/2020 | EPI\_ISL\_427019 | A.1 | S | Oceania / Australia / Victoria | 30-MAR-2020 |
| hCoV-19/Australia/VIC736/2020 | EPI\_ISL\_427015 | A.1 | S | Oceania / Australia / Victoria | 30-MAR-2020 |
| hCoV-19/Australia/VIC734/2020 | EPI\_ISL\_427013 | A.1 | S | Oceania / Australia / Victoria | 30-MAR-2020 |
| hCoV-19/Australia/VIC733/2020 | EPI\_ISL\_427012 | A.1 | S | Oceania / Australia / Victoria | 30-MAR-2020 |
| hCoV-19/Australia/VIC711/2020 | EPI\_ISL\_426998 | A.3 | S | Oceania / Australia / Victoria | 29-MAR-2020 |
| hCoV-19/Australia/VIC687/2020 | EPI\_ISL\_426981 | A.1 | S | Oceania / Australia / Victoria | 29-MAR-2020 |
| hCoV-19/Australia/VIC676/2020 | EPI\_ISL\_426971 | A.2 | S | Oceania / Australia / Victoria | 27-MAR-2020 |
| hCoV-19/Australia/VIC671/2020 | EPI\_ISL\_426967 | A.2 | S | Oceania / Australia / Victoria | 27-MAR-2020 |
| hCoV-19/Australia/VIC669/2020 | EPI\_ISL\_426965 | A.3 | S | Oceania / Australia / Victoria | 27-MAR-2020 |
| hCoV-19/Australia/VIC662/2020 | EPI\_ISL\_426958 | A.1.3 | S | Oceania / Australia / Victoria | 27-MAR-2020 |
| hCoV-19/Australia/VIC656/2020 | EPI\_ISL\_426952 | A.2 | S | Oceania / Australia / Victoria | 28-MAR-2020 |
| hCoV-19/Australia/VIC649/2020 | EPI\_ISL\_426945 | A.2 | S | Oceania / Australia / Victoria | 28-MAR-2020 |
| hCoV-19/Australia/VIC647/2020 | EPI\_ISL\_426943 | A.2 | S | Oceania / Australia / Victoria | 28-MAR-2020 |
| hCoV-19/Australia/VIC646/2020 | EPI\_ISL\_426942 | A.3 | S | Oceania / Australia / Victoria | 24-MAR-2020 |
| hCoV-19/Australia/VIC623/2020 | EPI\_ISL\_426927 | A.5 | S | Oceania / Australia / Victoria | 28-MAR-2020 |
| hCoV-19/Australia/VIC701/2020 | EPI\_ISL\_426878 | A.1 | S | Oceania / Australia / Victoria | 21-MAR-2020 |
| hCoV-19/Australia/VIC636/2020 | EPI\_ISL\_426877 | A.1 | S | Oceania / Australia / Victoria | 28-MAR-2020 |
| hCoV-19/Australia/VIC614/2020 | EPI\_ISL\_426869 | A.1 | S | Oceania / Australia / Victoria | 26-MAR-2020 |
| hCoV-19/Australia/VIC599/2020 | EPI\_ISL\_426856 | A.2 | S | Oceania / Australia / Victoria | 25-MAR-2020 |
| hCoV-19/Australia/VIC598/2020 | EPI\_ISL\_426855 | A.2 | S | Oceania / Australia / Victoria | 25-MAR-2020 |
| hCoV-19/Australia/VIC596/2020 | EPI\_ISL\_426853 | A.2 | S | Oceania / Australia / Victoria | 25-MAR-2020 |
| hCoV-19/Australia/VIC595/2020 | EPI\_ISL\_426852 | A.2 | S | Oceania / Australia / Victoria | 25-MAR-2020 |
| hCoV-19/Australia/VIC585/2020 | EPI\_ISL\_426842 | A.2 | S | Oceania / Australia / Victoria | 25-MAR-2020 |
| hCoV-19/Australia/VIC584/2020 | EPI\_ISL\_426841 | A.2 | S | Oceania / Australia / Victoria | 25-MAR-2020 |
| hCoV-19/Australia/VIC568/2020 | EPI\_ISL\_426828 | A.1 | S | Oceania / Australia / Victoria | 25-MAR-2020 |
| hCoV-19/Australia/VIC565/2020 | EPI\_ISL\_426825 | A.2 | S | Oceania / Australia / Victoria | 25-MAR-2020 |
| hCoV-19/Australia/VIC532/2020 | EPI\_ISL\_426798 | A.1 | S | Oceania / Australia / Victoria | 23-MAR-2020 |
| hCoV-19/Australia/VIC528/2020 | EPI\_ISL\_426794 | A.1 | S | Oceania / Australia / Victoria | 24-MAR-2020 |
| hCoV-19/Australia/VIC502/2020 | EPI\_ISL\_426773 | A.1 | S | Oceania / Australia / Victoria | 22-MAR-2020 |
| hCoV-19/Australia/VIC471/2020 | EPI\_ISL\_426763 | A.1 | S | Oceania / Australia / Victoria | 26-MAR-2020 |
| hCoV-19/Australia/VIC470/2020 | EPI\_ISL\_426762 | A.1 | S | Oceania / Australia / Victoria | 26-MAR-2020 |
| hCoV-19/Australia/VIC434/2020 | EPI\_ISL\_426733 | A.1 | S | Oceania / Australia / Victoria | 25-MAR-2020 |
| hCoV-19/Australia/VIC433/2020 | EPI\_ISL\_426732 | A.2 | S | Oceania / Australia / Victoria | 25-MAR-2020 |
| hCoV-19/Australia/VIC430/2020 | EPI\_ISL\_426730 | A.1.3 | S | Oceania / Australia / Victoria | 26-MAR-2020 |
| hCoV-19/Australia/VIC423/2020 | EPI\_ISL\_426723 | A.1 | S | Oceania / Australia / Victoria | 25-MAR-2020 |
| hCoV-19/Australia/VIC415/2020 | EPI\_ISL\_426715 | A.2 | S | Oceania / Australia / Victoria | 25-MAR-2020 |
| hCoV-19/Australia/VIC386/2020 | EPI\_ISL\_426693 | A or A.1 | S | Oceania / Australia / Victoria | 23-MAR-2020 |
| hCoV-19/Australia/VIC381/2020 | EPI\_ISL\_426688 | A.2 | S | Oceania / Australia / Victoria | 23-MAR-2020 |
| hCoV-19/Australia/VIC379/2020 | EPI\_ISL\_426686 | A.1.3 | S | Oceania / Australia / Victoria | 22-MAR-2020 |
| hCoV-19/Australia/VIC367/2020 | EPI\_ISL\_426675 | A.2 | S | Oceania / Australia / Victoria | 22-MAR-2020 |
| hCoV-19/Australia/VIC365/2020 | EPI\_ISL\_426673 | A.1 | S | Oceania / Australia / Victoria | 22-MAR-2020 |
| hCoV-19/Australia/VIC364/2020 | EPI\_ISL\_426672 | A.1 | S | Oceania / Australia / Victoria | 22-MAR-2020 |
| hCoV-19/Australia/VIC359/2020 | EPI\_ISL\_426667 | A.1 | S | Oceania / Australia / Victoria | 22-MAR-2020 |
| hCoV-19/Australia/VIC358/2020 | EPI\_ISL\_426666 | A.2 | S | Oceania / Australia / Victoria | 21-MAR-2020 |
| hCoV-19/Australia/VIC355/2020 | EPI\_ISL\_426663 | A.1 | S | Oceania / Australia / Victoria | 21-MAR-2020 |
| hCoV-19/Australia/VIC351/2020 | EPI\_ISL\_426659 | A.2 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC350/2020 | EPI\_ISL\_426658 | A.3 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC338/2020 | EPI\_ISL\_426647 | A.2 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC336/2020 | EPI\_ISL\_426645 | A.1 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC335/2020 | EPI\_ISL\_426644 | A.1 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC330/2020 | EPI\_ISL\_426640 | A.3 | S | Oceania / Australia / Victoria | 18-MAR-2020 |
| hCoV-19/Australia/NT18/2020 | EPI\_ISL\_426635 | A.3 | S | Oceania / Australia / Northern territory | 23-MAR-2020 |
| hCoV-19/Australia/NT08/2020 | EPI\_ISL\_426634 | A.2 | S | Oceania / Australia / Northern territory | 20-MAR-2020 |
| hCoV-19/Uruguay/UY-9/2020 | EPI\_ISL\_426584 | A.5 | S | South America / Uruguay / Montevideo | 19-MAR-2020 |
| hCoV-19/USA/AZ-TG271864/2020 | EPI\_ISL\_426540 | A.1 | S | North America / USA / Arizona | 23-MAR-2020 |
| hCoV-19/USA/AZ-TG271854/2020 | EPI\_ISL\_426537 | A.1 | S | North America / USA / Arizona | 17-MAR-2020 |
| hCoV-19/USA/AZ-TG271435/2020 | EPI\_ISL\_426534 | A.3 | S | North America / USA / Arizona | 27-MAR-2020 |
| hCoV-19/USA/AZ-TG268913/2020 | EPI\_ISL\_426517 | A.1 | S | North America / USA / Arizona | 14-MAR-2020 |
| hCoV-19/USA/AZ-TG268903/2020 | EPI\_ISL\_426513 | A.1 | S | North America / USA / Arizona | 11-MAR-2020 |
| hCoV-19/USA/AZ-TG268893/2020 | EPI\_ISL\_426512 | A.1 | S | North America / USA / Arizona | 5-MAR-2020 |
| hCoV-19/USA/AZ-TG268282/2020 | EPI\_ISL\_426504 | A.3 | S | North America / USA / Arizona | 17-MAR-2020 |
| hCoV-19/USA/AZ-TG271862/2020 | EPI\_ISL\_426483 | A.2 | S | North America / USA / Arizona | 22-MAR-2020 |
| hCoV-19/Uruguay/UY-7/2020 | EPI\_ISL\_426482 | A.1 | S | South America / Uruguay / Montevideo | 17-MAR-2020 |
| hCoV-19/Uruguay/UY-6/2020 | EPI\_ISL\_426481 | A.5 | S | South America / Uruguay / Montevideo | 17-MAR-2020 |
| hCoV-19/Uruguay/UY-5/2020 | EPI\_ISL\_426480 | A.5 | S | South America / Uruguay / Montevideo | 17-MAR-2020 |
| hCoV-19/Uruguay/UY-4/2020 | EPI\_ISL\_426479 | A.5 | S | South America / Uruguay / Montevideo | 17-MAR-2020 |
| hCoV-19/Uruguay/UY-3/2020 | EPI\_ISL\_426478 | A.5 | S | South America / Uruguay / Montevideo | 17-MAR-2020 |
| hCoV-19/Uruguay/UY-2/2020 | EPI\_ISL\_426477 | A.5 | S | South America / Uruguay / Montevideo | 16-MAR-2020 |
| hCoV-19/Uruguay/UY-1/2020 | EPI\_ISL\_426476 | A.5 | S | South America / Uruguay / Montevideo | 16-MAR-2020 |
| hCoV-19/USA/WA\_0797/2020 | EPI\_ISL\_426453 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA\_0711/2020 | EPI\_ISL\_426452 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0484/2020 | EPI\_ISL\_426451 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0480/2020 | EPI\_ISL\_426450 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0478/2020 | EPI\_ISL\_426449 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0457/2020 | EPI\_ISL\_426448 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA\_0448/2020 | EPI\_ISL\_426447 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0447/2020 | EPI\_ISL\_426446 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0442/2020 | EPI\_ISL\_426445 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0441/2020 | EPI\_ISL\_426444 | A or A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0440/2020 | EPI\_ISL\_426443 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0434/2020 | EPI\_ISL\_426442 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0432/2020 | EPI\_ISL\_426441 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0429/2020 | EPI\_ISL\_426440 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0428/2020 | EPI\_ISL\_426439 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0427/2020 | EPI\_ISL\_426438 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0422/2020 | EPI\_ISL\_426437 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA\_0418/2020 | EPI\_ISL\_426436 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/MN\_0100/2020 | EPI\_ISL\_426426 | A.1 | S | North America / USA / Minnesota | 5-MAR-2020 |
| hCoV-19/USA/HI\_7881/2020 | EPI\_ISL\_426421 | A.1 | S | North America / USA / Hawaii | 7-MAR-2020 |
| hCoV-19/USA/GA\_2070/2020 | EPI\_ISL\_426417 | A.3 | S | North America / USA / Georgia | 7-MAR-2020 |
| hCoV-19/USA/CT\_9849/2020 | EPI\_ISL\_426416 | A.1 | S | North America / USA / Connecticut | 8-MAR-2020 |
| hCoV-19/Mexico/CDMX-INCMNSZ\_04/2020 | EPI\_ISL\_426364 | A.1 | S | North America / Mexico / Mexico City | 12-MAR-2020 |
| hCoV-19/Mexico/CDMX-INCMNSZ\_03/2020 | EPI\_ISL\_426363 | A.1 | S | North America / Mexico / Mexico City | 12-MAR-2020 |
| hCoV-19/Mexico/CDMX-INCMNSZ\_02/2020 | EPI\_ISL\_426362 | A.2 | S | North America / Mexico / Mexico City | 10-MAR-2020 |
| hCoV-19/Mexico/CDMX-INCMNSZ\_01/2020 | EPI\_ISL\_426361 | A.1 | S | North America / Mexico / Mexico City | 12-MAR-2020 |
| hCoV-19/USA/NY-Wadsworth-26856-01/2020 | EPI\_ISL\_426302 | A | S | North America / USA / New York / Putnam County | 21-MAR-2020 |
| hCoV-19/Korea/KCDC2014/2020 | EPI\_ISL\_426187 | A | S | Asia / South Korea | 12-FEB-2020 |
| hCoV-19/Korea/KCDC2013/2020 | EPI\_ISL\_426183 | A | S | Asia / South Korea | 23-FEB-2020 |
| hCoV-19/Korea/KCDC2012/2020 | EPI\_ISL\_426182 | A | S | Asia / South Korea | 9-FEB-2020 |
| hCoV-19/Korea/KCDC2011/2020 | EPI\_ISL\_426181 | A | S | Asia / South Korea | 23-FEB-2020 |
| hCoV-19/Korea/KCDC2010/2020 | EPI\_ISL\_426180 | A | S | Asia / South Korea | 5-FEB-2020 |
| hCoV-19/Korea/KCDC2009/2020 | EPI\_ISL\_426173 | A | S | Asia / South Korea | 7-FEB-2020 |
| hCoV-19/Korea/KCDC2008/2020 | EPI\_ISL\_426171 | A | S | Asia / South Korea | 5-FEB-2020 |
| hCoV-19/Korea/KCDC2006/2020 | EPI\_ISL\_426168 | A | S | Asia / South Korea | 2-FEB-2020 |
| hCoV-19/Korea/KCDC2003/2020 | EPI\_ISL\_426167 | A | S | Asia / South Korea | 23-FEB-2020 |
| hCoV-19/Korea/KCDC2003/2020 | EPI\_ISL\_426163 | A | S | Asia / South Korea | 23-FEB-2020 |
| hCoV-19/USA/WA-UW-2258/2020 | EPI\_ISL\_426133 | A.1 | S | North America / USA / Washington | 23-MAR-2020 |
| hCoV-19/USA/WA-UW-2250/2020 | EPI\_ISL\_426131 | A.1 | S | North America / USA / Washington | 24-MAR-2020 |
| hCoV-19/USA/WA-UW-2249/2020 | EPI\_ISL\_426130 | A.1 | S | North America / USA / Washington | 24-MAR-2020 |
| hCoV-19/USA/WA-UW-2247/2020 | EPI\_ISL\_426129 | A.1 | S | North America / USA / Washington | 24-MAR-2020 |
| hCoV-19/USA/WA-UW-2230/2020 | EPI\_ISL\_426120 | A.1 | S | North America / USA / Washington | 25-MAR-2020 |
| hCoV-19/USA/WA-UW-2228/2020 | EPI\_ISL\_426119 | A.3 | S | North America / USA / Washington | 23-MAR-2020 |
| hCoV-19/USA/WA-UW-2203/2020 | EPI\_ISL\_426111 | A.1 | S | North America / USA / Washington | 25-MAR-2020 |
| hCoV-19/USA/WA-UW-2193/2020 | EPI\_ISL\_426110 | A.1 | S | North America / USA / Washington | 24-MAR-2020 |
| hCoV-19/USA/WA-UW-2164/2020 | EPI\_ISL\_426102 | A.1 | S | North America / USA / Washington | 25-MAR-2020 |
| hCoV-19/USA/WA-UW-2141/2020 | EPI\_ISL\_426096 | A.1 | S | North America / USA / Washington | 25-MAR-2020 |
| hCoV-19/USA/WA-UW-2082/2020 | EPI\_ISL\_426082 | A.1 | S | North America / USA / Washington | 25-MAR-2020 |
| hCoV-19/Scotland/EDB551/2020 | EPI\_ISL\_426015 | A.5 | S | Europe / United Kingdom / Scotland | 31-MAR-2020 |
| hCoV-19/Scotland/EDB501/2020 | EPI\_ISL\_426008 | A.5 | S | Europe / United Kingdom / Scotland | 31-MAR-2020 |
| hCoV-19/Scotland/EDB442/2020 | EPI\_ISL\_426007 | A.5 | S | Europe / United Kingdom / Scotland | 31-MAR-2020 |
| hCoV-19/Scotland/EDB348/2020 | EPI\_ISL\_425977 | A.5 | S | Europe / United Kingdom / Scotland | 29-MAR-2020 |
| hCoV-19/Scotland/EDB326/2020 | EPI\_ISL\_425972 | A.5 | S | Europe / United Kingdom / Scotland | 28-MAR-2020 |
| hCoV-19/Scotland/EDB222/2020 | EPI\_ISL\_425948 | A.5 | S | Europe / United Kingdom / Scotland | 26-MAR-2020 |
| hCoV-19/Scotland/CVR634/2020 | EPI\_ISL\_425793 | A.3 | S | Europe / United Kingdom / Scotland | 25-MAR-2020 |
| hCoV-19/Scotland/CVR526/2020 | EPI\_ISL\_425781 | A.2 | S | Europe / United Kingdom / Scotland | 24-MAR-2020 |
| hCoV-19/Scotland/CVR24/2020 | EPI\_ISL\_425752 | A.2 | S | Europe / United Kingdom / Scotland | 12-MAR-2020 |
| hCoV-19/Scotland/CVR216/2020 | EPI\_ISL\_425744 | A.2 | S | Europe / United Kingdom / Scotland | 19-MAR-2020 |
| hCoV-19/Scotland/CVR205/2020 | EPI\_ISL\_425735 | A.3 | S | Europe / United Kingdom / Scotland | 19-MAR-2020 |
| hCoV-19/Scotland/CVR190/2020 | EPI\_ISL\_425725 | A.1 | S | Europe / United Kingdom / Scotland | 18-MAR-2020 |
| hCoV-19/Scotland/CVR178/2020 | EPI\_ISL\_425718 | A.2 | S | Europe / United Kingdom / Scotland | 18-MAR-2020 |
| hCoV-19/Scotland/CVR173/2020 | EPI\_ISL\_425713 | A.2 | S | Europe / United Kingdom / Scotland | 17-MAR-2020 |
| hCoV-19/Scotland/CVR113/2020 | EPI\_ISL\_425658 | A.3 | S | Europe / United Kingdom / Scotland | 15-MAR-2020 |
| hCoV-19/England/NOTT-10EAB8/2020 | EPI\_ISL\_425636 | A.2 | S | Europe / United Kingdom / England | 30-MAR-2020 |
| hCoV-19/England/NOTT-10E599/2020 | EPI\_ISL\_425564 | A.2 | S | Europe / United Kingdom / England | 25-MAR-2020 |
| hCoV-19/Spain/Valencia95/2020 | EPI\_ISL\_425219 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia94/2020 | EPI\_ISL\_425218 | A.5 | S | Europe / Spain / Comunitat Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia93/2020 | EPI\_ISL\_425217 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia92/2020 | EPI\_ISL\_425216 | A.5 | S | Europe / Spain / Comunitat Valenciana / Valencia | 16-MAR-2020 |
| hCoV-19/Spain/Valencia89/2020 | EPI\_ISL\_425213 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 11-MAR-2020 |
| hCoV-19/Spain/Valencia74/2020 | EPI\_ISL\_425198 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia73/2020 | EPI\_ISL\_425197 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia72/2020 | EPI\_ISL\_425196 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia71/2020 | EPI\_ISL\_425195 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia70/2020 | EPI\_ISL\_425194 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia68/2020 | EPI\_ISL\_425192 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 17-MAR-2020 |
| hCoV-19/Spain/Valencia67/2020 | EPI\_ISL\_425191 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 16-MAR-2020 |
| hCoV-19/Spain/Valencia62/2020 | EPI\_ISL\_425186 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 10-MAR-2020 |
| hCoV-19/Spain/Valencia61/2020 | EPI\_ISL\_425185 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 10-MAR-2020 |
| hCoV-19/Spain/Valencia60/2020 | EPI\_ISL\_425184 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 10-MAR-2020 |
| hCoV-19/Spain/Valencia59/2020 | EPI\_ISL\_425183 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 10-MAR-2020 |
| hCoV-19/Spain/Valencia58/2020 | EPI\_ISL\_425182 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 10-MAR-2020 |
| hCoV-19/Spain/Valencia57/2020 | EPI\_ISL\_425181 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 10-MAR-2020 |
| hCoV-19/Spain/Valencia56/2020 | EPI\_ISL\_425180 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 10-MAR-2020 |
| hCoV-19/Spain/Valencia55/2020 | EPI\_ISL\_425179 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 10-MAR-2020 |
| hCoV-19/Spain/Valencia54/2020 | EPI\_ISL\_425178 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 28-FEB-2020 |
| hCoV-19/USA/WI-UW-117/2020 | EPI\_ISL\_425174 | A.4 | S | North America / USA / Wisconsin / Stoughton | 30-MAR-2020 |
| hCoV-19/USA/WI-UW-116/2020 | EPI\_ISL\_425173 | A.4 | S | North America / USA / Wisconsin / Middleton | 30-MAR-2020 |
| hCoV-19/USA/WI-UW-96/2020 | EPI\_ISL\_425153 | A.4 | S | North America / USA / Wisconsin / Madison | 1-APR-2020 |
| hCoV-19/USA/WI-UW-91/2020 | EPI\_ISL\_425148 | A.1 | S | North America / USA / Wisconsin / Waunakee | 1-APR-2020 |
| hCoV-19/USA/WI-UW-88/2020 | EPI\_ISL\_425145 | A.4 | S | North America / USA / Wisconsin / DeForest | 5-APR-2020 |
| hCoV-19/Germany/NRW-39/2020 | EPI\_ISL\_425123 | A.5 | S | Europe / Germany / North Rhine Westphalia / Duesseldorf | 17-MAR-2020 |
| hCoV-19/Korea/KCDC2002/2020 | EPI\_ISL\_425118 | A | S | Asia / South Korea | 30-JAN-2020 |
| hCoV-19/USA/MI-MDHHS-SC20003/2020 | EPI\_ISL\_424990 | A.1 | S | North America / USA / Michigan | 11-MAR-2020 |
| hCoV-19/USA/NC\_200181/2020 | EPI\_ISL\_424987 | A.3 | S | North America / USA / North Carolina | MAR-2020 |
| hCoV-19/USA/MI-MDHHS-SC20004/2020 | EPI\_ISL\_424982 | A.5 | S | North America / USA / Michigan | 10-MAR-2020 |
| hCoV-19/USA/VA\_6171/2020 | EPI\_ISL\_424907 | A.p7 | S | North America / USA / Virginia | 6-MAR-2020 |
| hCoV-19/USA/SC\_3571/2020 | EPI\_ISL\_424904 | A.3 | S | North America / USA / South Carolina | 7-MAR-2020 |
| hCoV-19/USA/SC\_3570/2020 | EPI\_ISL\_424903 | A.3 | S | North America / USA / South Carolina | 7-MAR-2020 |
| hCoV-19/USA/SC\_3520/2020 | EPI\_ISL\_424902 | A.3 | S | North America / USA / South Carolina | 5-MAR-2020 |
| hCoV-19/USA/VA\_6382/2020 | EPI\_ISL\_424893 | A.1 | S | North America / USA / Virginia | 8-MAR-2020 |
| hCoV-19/USA/UT\_8199/2020 | EPI\_ISL\_424889 | A.1 | S | North America / USA / Utah | 5-MAR-2020 |
| hCoV-19/USA/SC\_6370/2020 | EPI\_ISL\_424888 | A.3 | S | North America / USA / South Carolina | 8-MAR-2020 |
| hCoV-19/USA/NC\_6999/2020 | EPI\_ISL\_424871 | A.1 | S | North America / USA / North Carolina | 6-MAR-2020 |
| hCoV-19/USA/GA\_2343/2020 | EPI\_ISL\_424864 | A.3 | S | North America / USA / Georgia | 10-MAR-2020 |
| hCoV-19/USA/GA\_2185/2020 | EPI\_ISL\_424863 | A.1 | S | North America / USA / Georgia | MAR-2020 |
| hCoV-19/USA/GA\_2120/2020 | EPI\_ISL\_424862 | A.3 | S | North America / USA / Georgia | MAR-2020 |
| hCoV-19/USA/GA\_2118/2020 | EPI\_ISL\_424861 | A.3 | S | North America / USA / Georgia | 8-MAR-2020 |
| hCoV-19/USA/GA\_2055/2020 | EPI\_ISL\_424860 | A.3 | S | North America / USA / Georgia | MAR-2020 |
| hCoV-19/USA/GA\_1847/2020 | EPI\_ISL\_424859 | A.3 | S | North America / USA / Georgia | 5-MAR-2020 |
| hCoV-19/USA/FL\_9656/2020 | EPI\_ISL\_424856 | A.1 | S | North America / USA / Florida | 6-MAR-2020 |
| hCoV-19/USA/FL\_9655/2020 | EPI\_ISL\_424854 | A.3 | S | North America / USA / Florida | 5-MAR-2020 |
| hCoV-19/USA/DC\_0004/2020 | EPI\_ISL\_424852 | A.1 | S | North America / USA / District of Columbia | 6-MAR-2020 |
| hCoV-19/USA/IL\_0089/2020 | EPI\_ISL\_424851 | A.1 | S | North America / USA / Illinois | 7-MAR-2020 |
| hCoV-19/USA/AZ\_8135/2020 | EPI\_ISL\_424849 | A.1 | S | North America / USA / Arizona | 9-MAR-2020 |
| hCoV-19/USA/AZ\_8132/2020 | EPI\_ISL\_424848 | A.1 | S | North America / USA / Arizona | 9-MAR-2020 |
| hCoV-19/USA/SC\_3575/2020 | EPI\_ISL\_424842 | A.3 | S | North America / USA / South Carolina | 7-MAR-2020 |
| hCoV-19/USA/SC\_3569/2020 | EPI\_ISL\_424841 | A.3 | S | North America / USA / South Carolina | 6-MAR-2020 |
| hCoV-19/Mexico/CDMX-InDRE\_06/2020 | EPI\_ISL\_424673 | A.1 | S | North America / Mexico / CDMX | 12-MAR-2020 |
| hCoV-19/Mexico/Queretaro-InDRE\_04/2020 | EPI\_ISL\_424670 | A.5 | S | North America / Mexico / Queretaro | 10-MAR-2020 |
| hCoV-19/USA/AZ-ASU2922/2020 | EPI\_ISL\_424668 | A.1 | S | North America / USA / Arizona | 16-MAR-2020 |
| hCoV-19/Mexico/EdoMex-InDRE\_03/2020 | EPI\_ISL\_424667 | A.5 | S | North America / Mexico / Estado de Mexico | 4-MAR-2020 |
| hCoV-19/Mexico/CDMX-INER\_05/2020 | EPI\_ISL\_424627 | A.1 | S | North America / Mexico / Mexico City | 16-MAR-2020 |
| hCoV-19/Iceland/445/2020 | EPI\_ISL\_424469 | A.1 | S | Europe / Iceland / Reykjavik | 20-MAR-2020 |
| hCoV-19/Iceland/438/2020 | EPI\_ISL\_424462 | A.1.1 | S | Europe / Iceland / Reykjavik | 20-MAR-2020 |
| hCoV-19/Iceland/412/2020 | EPI\_ISL\_424436 | A.1.1 | S | Europe / Iceland / Reykjavik | 19-MAR-2020 |
| hCoV-19/Iceland/405/2020 | EPI\_ISL\_424429 | A.1.1 | S | Europe / Iceland / Reykjavik | 19-MAR-2020 |
| hCoV-19/Beijing/Wuhan\_IME-BJ07/2020 | EPI\_ISL\_424360 | A | S | Asia / China / Beijing | 29-JAN-2020 |
| hCoV-19/Beijing/Wuhan\_IME-BJ04/2020 | EPI\_ISL\_424358 | A | S | Asia / China / Beijing | 28-JAN-2020 |
| hCoV-19/Beijing/Wuhan\_IME-BJ03/2020 | EPI\_ISL\_424357 | A | S | Asia / China / Beijing | 28-JAN-2020 |
| hCoV-19/Beijing/Wuhan\_IME-BJ02/2020 | EPI\_ISL\_424356 | A | S | Asia / China / Beijing | 25-JAN-2020 |
| hCoV-19/Beijing/Wuhan\_IME-BJ01/2020 | EPI\_ISL\_424355 | A | S | Asia / China / Beijing | 24-JAN-2020 |
| hCoV-19/USA/WA-UW-1986/2020 | EPI\_ISL\_424338 | A.1 | S | North America / USA / Washington | 24-MAR-2020 |
| hCoV-19/USA/WA-UW-1988/2020 | EPI\_ISL\_424336 | A.1 | O | North America / USA / Washington | 24-MAR-2020 |
| hCoV-19/USA/WA-UW-1984/2020 | EPI\_ISL\_424329 | A.1 | S | North America / USA / Washington | 24-MAR-2020 |
| hCoV-19/USA/WA-UW-1968/2020 | EPI\_ISL\_424326 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-UW-1944/2020 | EPI\_ISL\_424323 | A.1 | S | North America / USA / Washington | 24-MAR-2020 |
| hCoV-19/USA/WA-UW-1880/2020 | EPI\_ISL\_424311 | B.1 | GH | North America / USA / Washington | 24-MAR-2020 |
| hCoV-19/USA/OR-UW-1887/2020 | EPI\_ISL\_424308 | A.1 | O | North America / USA / Oregon | 22-MAR-2020 |
| hCoV-19/USA/OR-UW-1937/2020 | EPI\_ISL\_424303 | A.1 | O | North America / USA / Oregon | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1920/2020 | EPI\_ISL\_424298 | A.1 | S | North America / USA / Washington | 23-MAR-2020 |
| hCoV-19/USA/WA-UW-1913/2020 | EPI\_ISL\_424297 | A.1 | S | North America / USA / Washington | 23-MAR-2020 |
| hCoV-19/USA/WA-UW-1919/2020 | EPI\_ISL\_424296 | A.1 | S | North America / USA / Washington | 23-MAR-2020 |
| hCoV-19/USA/WA-UW-1905/2020 | EPI\_ISL\_424295 | A.1 | O | North America / USA / Washington | 23-MAR-2020 |
| hCoV-19/USA/WA-UW-1855/2020 | EPI\_ISL\_424292 | A.1 | O | North America / USA / Washington | 23-MAR-2020 |
| hCoV-19/USA/WA-UW-1860/2020 | EPI\_ISL\_424289 | A.1 | S | North America / USA / Washington | 23-MAR-2020 |
| hCoV-19/USA/WA-UW-1846/2020 | EPI\_ISL\_424288 | A.1 | O | North America / USA / Washington | 22-MAR-2020 |
| hCoV-19/USA/WA-UW-1843/2020 | EPI\_ISL\_424287 | A.1 | S | North America / USA / Washington | 23-MAR-2020 |
| hCoV-19/USA/OR-UW-1849/2020 | EPI\_ISL\_424286 | A.1 | S | North America / USA / Oregon | 20-MAR-2020 |
| hCoV-19/USA/OR-UW-1851/2020 | EPI\_ISL\_424285 | A.1 | S | North America / USA / Oregon | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1863/2020 | EPI\_ISL\_424284 | A.1 | S | North America / USA / Washington | 23-MAR-2020 |
| hCoV-19/USA/WA-UW-1946/2020 | EPI\_ISL\_424283 | A.1 | O | North America / USA / Washington | 24-MAR-2020 |
| hCoV-19/USA/WA-UW-1835/2020 | EPI\_ISL\_424282 | A.1 | O | North America / USA / Washington | 23-MAR-2020 |
| hCoV-19/USA/WA-UW-1850/2020 | EPI\_ISL\_424279 | A.1 | S | North America / USA / Washington | 23-MAR-2020 |
| hCoV-19/USA/WA-UW-1822/2020 | EPI\_ISL\_424276 | A.1 | S | North America / USA / Washington | 22-MAR-2020 |
| hCoV-19/USA/WA-UW-1821/2020 | EPI\_ISL\_424275 | A.1 | S | North America / USA / Washington | 22-MAR-2020 |
| hCoV-19/USA/WA-UW-1825/2020 | EPI\_ISL\_424272 | A.1 | O | North America / USA / Washington | 22-MAR-2020 |
| hCoV-19/USA/WA-UW-1828/2020 | EPI\_ISL\_424269 | A.1 | S | North America / USA / Washington | 22-MAR-2020 |
| hCoV-19/USA/UN-UW-1816/2020 | EPI\_ISL\_424268 | A.1 | S | North America / USA | 22-MAR-2020 |
| hCoV-19/USA/UN-UW-1817/2020 | EPI\_ISL\_424267 | A.1 | S | North America / USA | 22-MAR-2020 |
| hCoV-19/USA/UN-UW-1818/2020 | EPI\_ISL\_424266 | A.1 | O | North America / USA | 22-MAR-2020 |
| hCoV-19/USA/UN-UW-1834/2020 | EPI\_ISL\_424265 | A.1 | S | North America / USA | 22-MAR-2020 |
| hCoV-19/USA/WA-UW-1805/2020 | EPI\_ISL\_424264 | A.1 | S | North America / USA / Washington | 22-MAR-2020 |
| hCoV-19/USA/WA-UW-1782/2020 | EPI\_ISL\_424262 | A.1 | S | North America / USA / Washington | 22-MAR-2020 |
| hCoV-19/USA/WA-UW-1784/2020 | EPI\_ISL\_424261 | A.1 | S | North America / USA / Washington | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1778/2020 | EPI\_ISL\_424258 | A.1 | S | North America / USA / Washington | 22-MAR-2020 |
| hCoV-19/USA/WA-UW-1840/2020 | EPI\_ISL\_424252 | A.1 | S | North America / USA / Washington | 23-MAR-2020 |
| hCoV-19/USA/WA-UW-1785/2020 | EPI\_ISL\_424250 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/UN-UW-1791/2020 | EPI\_ISL\_424249 | A.1 | S | North America / USA | 20-MAR-2020 |
| hCoV-19/USA/WA-UW-1760/2020 | EPI\_ISL\_424247 | A.1 | S | North America / USA / Washington | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1756/2020 | EPI\_ISL\_424243 | A.1 | S | North America / USA / Washington | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1735/2020 | EPI\_ISL\_424241 | A.1 | S | North America / USA / Washington | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1730/2020 | EPI\_ISL\_424240 | A.1 | S | North America / USA / Washington | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1708/2020 | EPI\_ISL\_424232 | A.1 | O | North America / USA / Washington | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1731/2020 | EPI\_ISL\_424231 | A.1 | S | North America / USA / Washington | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1709/2020 | EPI\_ISL\_424230 | A.1 | S | North America / USA / Washington | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1702/2020 | EPI\_ISL\_424228 | A.1 | S | North America / USA / Washington | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1705/2020 | EPI\_ISL\_424226 | A.1 | S | North America / USA / Washington | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1744/2020 | EPI\_ISL\_424223 | A.1 | S | North America / USA / Washington | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1700/2020 | EPI\_ISL\_424222 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-UW-1729/2020 | EPI\_ISL\_424220 | A.1 | O | North America / USA / Washington | 21-MAR-2020 |
| hCoV-19/USA/WA-UW-1695/2020 | EPI\_ISL\_424219 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-UW-1682/2020 | EPI\_ISL\_424218 | A.1 | O | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-UW-1684/2020 | EPI\_ISL\_424217 | A.1 | O | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-UW-1670/2020 | EPI\_ISL\_424213 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-UW-1718/2020 | EPI\_ISL\_424210 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-UW-1765/2020 | EPI\_ISL\_424209 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-UW-1673/2020 | EPI\_ISL\_424206 | A.1 | O | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-UW-1672/2020 | EPI\_ISL\_424199 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-UW-1656/2020 | EPI\_ISL\_424198 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-UW-1666/2020 | EPI\_ISL\_424196 | A.1 | O | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/WA-UW-1683/2020 | EPI\_ISL\_424191 | A.1 | S | North America / USA / Washington | 20-MAR-2020 |
| hCoV-19/USA/UN-UW-1486/2020 | EPI\_ISL\_424185 | A.1 | O | North America / USA | 18-MAR-2020 |
| hCoV-19/USA/UN-UW-1402/2020 | EPI\_ISL\_424181 | A.1 | S | North America / USA | 16-MAR-2020 |
| hCoV-19/USA/WA-UW-1294/2020 | EPI\_ISL\_424180 | A.1 | S | North America / USA / Washington | 18-MAR-2020 |
| hCoV-19/USA/WA-UW-1341/2020 | EPI\_ISL\_424179 | A.1 | O | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW-1465/2020 | EPI\_ISL\_424177 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW-1362/2020 | EPI\_ISL\_424175 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/IL-UW-1311/2020 | EPI\_ISL\_424173 | A.1 | O | North America / USA / Illinois | 14-MAR-2020 |
| hCoV-19/USA/WA-UW-1538/2020 | EPI\_ISL\_424169 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-UW-1638/2020 | EPI\_ISL\_424168 | A.1 | O | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/England/20129164904/2020 | EPI\_ISL\_424127 | A.2 | S | Europe / United Kingdom / England | 21-MAR-2020 |
| hCoV-19/England/20129002004/2020 | EPI\_ISL\_423976 | A.2 | S | Europe / United Kingdom / England | 20-MAR-2020 |
| hCoV-19/England/20128000604/2020 | EPI\_ISL\_423918 | A.2 | S | Europe / United Kingdom / England | 19-MAR-2020 |
| hCoV-19/England/20126000104/2020 | EPI\_ISL\_423859 | A.2 | S | Europe / United Kingdom / England | 17-MAR-2020 |
| hCoV-19/England/20144022904/2020 | EPI\_ISL\_423523 | A.1 | S | Europe / United Kingdom / England | 30-MAR-2020 |
| hCoV-19/England/20144011504/2020 | EPI\_ISL\_423506 | A.1 | S | Europe / United Kingdom / England | 30-MAR-2020 |
| hCoV-19/England/20144006004/2020 | EPI\_ISL\_423492 | A.2 | S | Europe / United Kingdom / England | 31-MAR-2020 |
| hCoV-19/England/20144003804/2020 | EPI\_ISL\_423483 | A.2 | S | Europe / United Kingdom / England | 1-APR-2020 |
| hCoV-19/England/20139064904/2020 | EPI\_ISL\_423352 | A.2 | S | Europe / United Kingdom / England | 29-MAR-2020 |
| hCoV-19/England/20134079704/2020 | EPI\_ISL\_423179 | A.5 | S | Europe / United Kingdom / England | 24-MAR-2020 |
| hCoV-19/Thailand/Bangkok-0019/2020 | EPI\_ISL\_423040 | A.6 | S | Asia / Thailand / Bangkok | 20-MAR-2020 |
| hCoV-19/USA/WA-UW-1599/2020 | EPI\_ISL\_423033 | A.1 | S | North America / USA / Washington | 18-MAR-2020 |
| hCoV-19/USA/WA-UW-1441/2020 | EPI\_ISL\_423025 | A.1 | S | North America / USA / Washington | 18-MAR-2020 |
| hCoV-19/USA/WA-UW-1562/2020 | EPI\_ISL\_423022 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-UW-1591/2020 | EPI\_ISL\_423017 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-UW-1578/2020 | EPI\_ISL\_423016 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-UW-1587/2020 | EPI\_ISL\_423014 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-UW-1588/2020 | EPI\_ISL\_423012 | A.1 | O | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-UW-1426/2020 | EPI\_ISL\_423008 | A.1 | O | North America / USA / Washington | 18-MAR-2020 |
| hCoV-19/USA/WA-UW-1448/2020 | EPI\_ISL\_423007 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-UW-1603/2020 | EPI\_ISL\_423005 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-UW-1581/2020 | EPI\_ISL\_423004 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-UW-1583/2020 | EPI\_ISL\_423003 | A.1 | S | North America / USA / Washington | 19-MAR-2020 |
| hCoV-19/USA/WA-UW-1349/2020 | EPI\_ISL\_422999 | A.1 | O | North America / USA / Washington | 18-MAR-2020 |
| hCoV-19/USA/WA-UW-1351/2020 | EPI\_ISL\_422997 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW-1334/2020 | EPI\_ISL\_422995 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW-1321/2020 | EPI\_ISL\_422993 | A.1 | S | North America / USA / Washington | 18-MAR-2020 |
| hCoV-19/USA/WA-UW-1347/2020 | EPI\_ISL\_422992 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW-1314/2020 | EPI\_ISL\_422991 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW-1295/2020 | EPI\_ISL\_422990 | A.1 | O | North America / USA / Washington | 18-MAR-2020 |
| hCoV-19/USA/WA-UW-1297/2020 | EPI\_ISL\_422989 | A.1 | S | North America / USA / Washington | 18-MAR-2020 |
| hCoV-19/USA/WA-UW-1296/2020 | EPI\_ISL\_422988 | A.1 | S | North America / USA / Washington | 18-MAR-2020 |
| hCoV-19/USA/WA-UW-1338/2020 | EPI\_ISL\_422986 | A.1 | S | North America / USA / Washington | 18-MAR-2020 |
| hCoV-19/USA/WA-UW-1300/2020 | EPI\_ISL\_422984 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/UN-UW-1403/2020 | EPI\_ISL\_422982 | A.1 | S | North America / USA | 16-MAR-2020 |
| hCoV-19/USA/WA-UW-1327/2020 | EPI\_ISL\_422975 | A.1 | S | North America / USA / Washington | 18-MAR-2020 |
| hCoV-19/USA/WA-UW-1279/2020 | EPI\_ISL\_422974 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW-1308/2020 | EPI\_ISL\_422973 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW-1320/2020 | EPI\_ISL\_422971 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/UN-UW-1331/2020 | EPI\_ISL\_422968 | A.1 | O | North America / USA | MAR-2020 |
| hCoV-19/USA/WA-UW-1315/2020 | EPI\_ISL\_422965 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW-1304/2020 | EPI\_ISL\_422964 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW-1271/2020 | EPI\_ISL\_422963 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/UN-UW-1312/2020 | EPI\_ISL\_422962 | A.1 | O | North America / USA | 16-MAR-2020 |
| hCoV-19/USA/IL-UW-1265/2020 | EPI\_ISL\_422961 | A.1 | S | North America / USA / Illinois | 13-MAR-2020 |
| hCoV-19/Netherlands/NoordBrabant\_76/2020 | EPI\_ISL\_422872 | A.2 | S | Europe / Netherlands / Noord Brabant | 9-MAR-2020 |
| hCoV-19/Netherlands/NA\_42/2020 | EPI\_ISL\_422803 | A.2 | S | Europe / Netherlands | 13-MAR-2020 |
| hCoV-19/Netherlands/Limburg\_9/2020 | EPI\_ISL\_422648 | A.2 | S | Europe / Netherlands / Limburg | 20-MAR-2020 |
| hCoV-19/USA/NY-PV09188/2020 | EPI\_ISL\_422545 | A.1 | S | North America / USA / New York / Manhattan | 20-MAR-2020 |
| hCoV-19/USA/NY-PV09156/2020 | EPI\_ISL\_422523 | A | S | North America / USA / New York / Bronx | 21-MAR-2020 |
| hCoV-19/USA/NY-PV09147/2020 | EPI\_ISL\_422517 | A.2 | S | North America / USA / New York / Manhattan | 20-MAR-2020 |
| hCoV-19/Taiwan/NTU13/2020 | EPI\_ISL\_422415 | A.3 | S | Asia / Taiwan / Taipei | 17-MAR-2020 |
| hCoV-19/Ghana/2828\_S6/2020 | EPI\_ISL\_422397 | A | S | Africa / Ghana / Greater Accra | 29-MAR-2020 |
| hCoV-19/Ghana/1651\_S3/2020 | EPI\_ISL\_422387 | A | S | Africa / Ghana / Greater Accra | 25-MAR-2020 |
| hCoV-19/Wales/PHWC-2569A/2020 | EPI\_ISL\_422299 | A.2 | S | Europe / United Kingdom / Wales | 24-MAR-2020 |
| hCoV-19/Luxembourg/LNS3307371/2020 | EPI\_ISL\_421735 | A.2 | S | Europe / Luxembourg | 17-MAR-2020 |
| hCoV-19/USA/NJ-NYUMC111/2020 | EPI\_ISL\_421723 | A.1 | S | North America / USA / New Jersey | 18-MAR-2020 |
| hCoV-19/USA/NY-NYUMC102/2020 | EPI\_ISL\_421714 | A | S | North America / USA / New York / Brooklyn | 18-MAR-2020 |
| hCoV-19/USA/NY-NYUMC95/2020 | EPI\_ISL\_421707 | A.1 | S | North America / USA / New York / Manhattan | 18-MAR-2020 |
| hCoV-19/USA/MN134-MDH134/2020 | EPI\_ISL\_421690 | A.1 | S | North America / USA / Minnesota | 16-MAR-2020 |
| hCoV-19/USA/MN131-MDH131/2020 | EPI\_ISL\_421687 | A.1 | S | North America / USA / Minnesota | 16-MAR-2020 |
| hCoV-19/USA/UT-055/2020 | EPI\_ISL\_421561 | A.1 | S | North America / USA / Utah | 17-MAR-2020 |
| hCoV-19/USA/WY-WYPHL018/2020 | EPI\_ISL\_421552 | A.1 | S | North America / USA / Wyoming | 19-MAR-2020 |
| hCoV-19/USA/WY-WYPHL012/2020 | EPI\_ISL\_421549 | A.1 | S | North America / USA / Wyoming | 14-MAR-2020 |
| hCoV-19/USA/WY-WYPHL011/2020 | EPI\_ISL\_421548 | A.1 | S | North America / USA / Wyoming | 14-MAR-2020 |
| hCoV-19/Spain/Valencia53/2020 | EPI\_ISL\_421520 | A.5 | S | Europe / Spain / Comunitat\_Valenciana / Valencia | 20-MAR-2020 |
| hCoV-19/Portugal/PT0064/2020 | EPI\_ISL\_421467 | A.5 | S | Europe / Portugal | 20-MAR-2020 |
| hCoV-19/Portugal/PT0063/2020 | EPI\_ISL\_421466 | A.5 | S | Europe / Portugal | 20-MAR-2020 |
| hCoV-19/USA/NY-PV08490/2020 | EPI\_ISL\_421426 | A.3 | S | North America / USA / New York / | 17-MAR-2020 |
| hCoV-19/USA/NY-PV08441/2020 | EPI\_ISL\_421393 | A.5 | S | North America / USA / New York / Brooklyn | 18-MAR-2020 |
| hCoV-19/USA/NY-PV08148/2020 | EPI\_ISL\_421365 | A | S | North America / USA / New York / Bronx | 14-MAR-2020 |
| hCoV-19/USA/NY-PV08146/2020 | EPI\_ISL\_421364 | A.1 | S | North America / USA / New York / Manhattan | 17-MAR-2020 |
| hCoV-19/USA/WI-UW-77/2020 | EPI\_ISL\_421335 | A.4 | S | North America / USA / Wisconsin / Stoughton | 19-MAR-2020 |
| hCoV-19/USA/WI-UW-76/2020 | EPI\_ISL\_421334 | A.1 | S | North America / USA / Wisconsin / Marshall | 22-MAR-2020 |
| hCoV-19/USA/WI-UW-73/2020 | EPI\_ISL\_421331 | A.4 | S | North America / USA / Wisconsin / Madison | 24-MAR-2020 |
| hCoV-19/USA/WI-UW-71/2020 | EPI\_ISL\_421329 | A.4 | S | North America / USA / Wisconsin / Madison | 24-MAR-2020 |
| hCoV-19/USA/WI-UW-70/2020 | EPI\_ISL\_421328 | A.4 | S | North America / USA / Wisconsin / Sun Prarie | 19-MAR-2020 |
| hCoV-19/USA/WI-UW-69/2020 | EPI\_ISL\_421327 | A.4 | S | North America / USA / Wisconsin / Stoughton | 19-MAR-2020 |
| hCoV-19/USA/WI-UW-67/2020 | EPI\_ISL\_421325 | A.4 | S | North America / USA / Wisconsin / Sun Prarie | 25-MAR-2020 |
| hCoV-19/USA/WI-UW-66/2020 | EPI\_ISL\_421324 | A.4 | S | North America / USA / Wisconsin / Madison | 24-MAR-2020 |
| hCoV-19/USA/WI-UW-61/2020 | EPI\_ISL\_421319 | A.4 | S | North America / USA / Wisconsin / Stoughton | 23-MAR-2020 |
| hCoV-19/USA/WI-UW-59/2020 | EPI\_ISL\_421317 | A.1 | S | North America / USA / Wisconsin / DeForest | 24-MAR-2020 |
| hCoV-19/USA/WI-UW-51/2020 | EPI\_ISL\_421309 | A.4 | S | North America / USA / Wisconsin / Madison | 20-MAR-2020 |
| hCoV-19/USA/WI-UW-50/2020 | EPI\_ISL\_421308 | A.4 | S | North America / USA / Wisconsin / Brooklyn | 25-MAR-2020 |
| hCoV-19/USA/WI-UW-39/2020 | EPI\_ISL\_421297 | A.1 | S | North America / USA / Wisconsin / Marshall | 22-MAR-2020 |
| hCoV-19/USA/WI-UW-38/2020 | EPI\_ISL\_421296 | A.4 | S | North America / USA / Wisconsin / Stoughton | 25-MAR-2020 |
| hCoV-19/USA/WI-UW-34/2020 | EPI\_ISL\_421292 | A.4 | S | North America / USA / Wisconsin / Madison | 26-MAR-2020 |
| hCoV-19/USA/WI-UW-33/2020 | EPI\_ISL\_421291 | A.3 | S | North America / USA / Wisconsin / Madison | 23-MAR-2020 |
| hCoV-19/USA/WI-UW-28/2020 | EPI\_ISL\_421286 | A.3 | S | North America / USA / Wisconsin / Madison | 25-MAR-2020 |
| hCoV-19/USA/WY-WYPHL001/2020 | EPI\_ISL\_421272 | A.1 | S | North America / USA / Wyoming | 10-MAR-2020 |
| hCoV-19/Xinyu/JX122/2020 | EPI\_ISL\_421249 | A | S | Asia / China / Jiangxi / Xinyu | 25-JAN-2020 |
| hCoV-19/Nanchang/JX39/2020 | EPI\_ISL\_421248 | A | S | Asia / China / Jiangxi / Nanchang | 23-JAN-2020 |
| hCoV-19/Nanchang/JX149/2020 | EPI\_ISL\_421247 | A | S | Asia / China / Jiangxi / Nanchang | 27-JAN-2020 |
| hCoV-19/Nanchang/JXN3T4/2020 | EPI\_ISL\_421246 | A | S | Asia / China / Jiangxi / Nanchang | 26-FEB-2020 |
| hCoV-19/Nanchang/JX90/2020 | EPI\_ISL\_421245 | A | S | Asia / China / Jiangxi / Nanchang | 25-JAN-2020 |
| hCoV-19/Shangrao/JX29/2020 | EPI\_ISL\_421244 | A | S | Asia / China / Jiangxi / Shangrao | 22-JAN-2020 |
| hCoV-19/Nanchang/JX14/2020 | EPI\_ISL\_421243 | A | S | Asia / China / Jiangxi / Nanchang | 21-JAN-2020 |
| hCoV-19/Ganzhou/JX81/2020 | EPI\_ISL\_421242 | A | S | Asia / China / Jiangxi / Ganzhou | 25-JAN-2020 |
| hCoV-19/Nanchang/JX177/2020 | EPI\_ISL\_421241 | A | S | Asia / China / Jiangxi / Nanchang | 30-JAN-2020 |
| hCoV-19/Shangrao/JX1948/2020 | EPI\_ISL\_421240 | A | S | Asia / China / Jiangxi / Shangrao | 5-FEB-2020 |
| hCoV-19/Shangrao/JX105/2020 | EPI\_ISL\_421239 | A | S | Asia / China / Jiangxi / Shangrao | 26-JAN-2020 |
| hCoV-19/Nanchang/JX174/2020 | EPI\_ISL\_421238 | A | S | Asia / China / Jiangxi / Nanchang | 29-JAN-2020 |
| hCoV-19/Jiujiang/JX22/2020 | EPI\_ISL\_421237 | A | S | Asia / China / Jiangxi / Jiujiang | 22-JAN-2020 |
| hCoV-19/Australia/QLDID931/2020 | EPI\_ISL\_420879 | A.1 | S | Oceania / Australia / Queensland / Brisbane | 25-MAR-2020 |
| hCoV-19/DRC/300/2020 | EPI\_ISL\_420841 | A | S | Africa / Democratic Republic of the Congo / Sud Kivu | 22-MAR-2020 |
| hCoV-19/USA/UT-0288/2020 | EPI\_ISL\_420808 | A.3 | S | North America / USA / Utah | 24-MAR-2020 |
| hCoV-19/USA/UT-0284/2020 | EPI\_ISL\_420806 | A.1 | S | North America / USA / Utah | 14-MAR-2020 |
| hCoV-19/USA/GA\_1445/2020 | EPI\_ISL\_420788 | A.3 | S | North America / USA / Georgia | 4-MAR-2020 |
| hCoV-19/USA/GA\_1320/2020 | EPI\_ISL\_420786 | A.3 | S | North America / USA / Georgia | 3-MAR-2020 |
| hCoV-19/USA/VA-DCLS-0024/2020 | EPI\_ISL\_420628 | A.1 | S | North America / USA / Virginia | 13-MAR-2020 |
| hCoV-19/Australia/WA09/2020 | EPI\_ISL\_420538 | A.1 | S | Oceania / Australia / Western Australia / Perth | 14-MAR-2020 |
| hCoV-19/Australia/WA04/2020 | EPI\_ISL\_420536 | A.1 | O | Oceania / Australia / Western Australia / Perth | 15-MAR-2020 |
| hCoV-19/England/20139018302/2020 | EPI\_ISL\_420524 | A.2 | S | Europe / United Kingdom / England | 26-MAR-2020 |
| hCoV-19/Spain/Valencia39/2020 | EPI\_ISL\_420124 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia38/2020 | EPI\_ISL\_420123 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia37/2020 | EPI\_ISL\_420122 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia36/2020 | EPI\_ISL\_420121 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia35/2020 | EPI\_ISL\_420120 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia34/2020 | EPI\_ISL\_420119 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia33/2020 | EPI\_ISL\_420118 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia32/2020 | EPI\_ISL\_420117 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia31/2020 | EPI\_ISL\_420116 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia30/2020 | EPI\_ISL\_420115 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia29/2020 | EPI\_ISL\_420114 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia28/2020 | EPI\_ISL\_420113 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia27/2020 | EPI\_ISL\_420112 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/USA/CT-Yale-023/2020 | EPI\_ISL\_420091 | A.1 | S | North America / USA / Connecticut | 18-MAR-2020 |
| hCoV-19/USA/CT-Yale-012/2020 | EPI\_ISL\_420086 | A.1 | S | North America / USA / Connecticut | 19-MAR-2020 |
| hCoV-19/Senegal/620/2020 | EPI\_ISL\_420078 | A | S | Africa / Senegal / Thies | 20-MAR-2020 |
| hCoV-19/Senegal/618/2020 | EPI\_ISL\_420077 | A.p7 | S | Africa / Senegal / Dakar | 20-MAR-2020 |
| hCoV-19/Australia/VIC256/2020 | EPI\_ISL\_420036 | A.2 | S | Oceania / Australia / Victoria | 21-MAR-2020 |
| hCoV-19/USA/VA-DCLS-0019/2020 | EPI\_ISL\_420029 | A.1 | S | North America / USA / Virginia | 11-MAR-2020 |
| hCoV-19/USA/VA-DCLS-0018/2020 | EPI\_ISL\_420028 | A.1 | S | North America / USA / Virginia | 11-MAR-2020 |
| hCoV-19/Australia/VIC317/2020 | EPI\_ISL\_420008 | A.1 | S | Oceania / Australia / Victoria | 24-MAR-2020 |
| hCoV-19/Australia/VIC316/2020 | EPI\_ISL\_420007 | A.1 | S | Oceania / Australia / Victoria | 24-MAR-2020 |
| hCoV-19/Australia/VIC304/2020 | EPI\_ISL\_419995 | A.2 | S | Oceania / Australia / Victoria | 23-MAR-2020 |
| hCoV-19/Australia/VIC295/2020 | EPI\_ISL\_419986 | A.2 | S | Oceania / Australia / Victoria | 23-MAR-2020 |
| hCoV-19/Australia/VIC293/2020 | EPI\_ISL\_419984 | A.5 | S | Oceania / Australia / Victoria | 23-MAR-2020 |
| hCoV-19/Australia/VIC288/2020 | EPI\_ISL\_419979 | A.1 | S | Oceania / Australia / Victoria | 22-MAR-2020 |
| hCoV-19/Australia/VIC277/2020 | EPI\_ISL\_419970 | A.2 | S | Oceania / Australia / Victoria | 22-MAR-2020 |
| hCoV-19/Australia/VIC265/2020 | EPI\_ISL\_419958 | A.1 | S | Oceania / Australia / Victoria | 22-MAR-2020 |
| hCoV-19/Australia/VIC244/2020 | EPI\_ISL\_419939 | A.2 | S | Oceania / Australia / Victoria | 21-MAR-2020 |
| hCoV-19/Australia/VIC241/2020 | EPI\_ISL\_419936 | A.1 | S | Oceania / Australia / Victoria | 21-MAR-2020 |
| hCoV-19/Australia/VIC232/2020 | EPI\_ISL\_419927 | A.2 | S | Oceania / Australia / Victoria | 21-MAR-2020 |
| hCoV-19/Australia/VIC229/2020 | EPI\_ISL\_419924 | A.1 | S | Oceania / Australia / Victoria | 21-MAR-2020 |
| hCoV-19/Australia/VIC225/2020 | EPI\_ISL\_419920 | A.1 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC222/2020 | EPI\_ISL\_419917 | A.1 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC215/2020 | EPI\_ISL\_419910 | A.3 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC213/2020 | EPI\_ISL\_419908 | A.1 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC209/2020 | EPI\_ISL\_419904 | A.3 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC205/2020 | EPI\_ISL\_419900 | A.1 | S | Oceania / Australia / Victoria | 19-MAR-2020 |
| hCoV-19/Australia/VIC204/2020 | EPI\_ISL\_419899 | A.1 | S | Oceania / Australia / Victoria | 19-MAR-2020 |
| hCoV-19/Australia/VIC189/2020 | EPI\_ISL\_419885 | A.1 | S | Oceania / Australia / Victoria | 19-MAR-2020 |
| hCoV-19/Australia/VIC177/2020 | EPI\_ISL\_419874 | A.1 | S | Oceania / Australia / Victoria | 18-MAR-2020 |
| hCoV-19/Australia/VIC173/2020 | EPI\_ISL\_419870 | A.1 | S | Oceania / Australia / Victoria | 18-MAR-2020 |
| hCoV-19/Australia/VIC165/2020 | EPI\_ISL\_419862 | A.1 | S | Oceania / Australia / Victoria | 18-MAR-2020 |
| hCoV-19/Australia/VIC162/2020 | EPI\_ISL\_419859 | A.1 | S | Oceania / Australia / Victoria | 18-MAR-2020 |
| hCoV-19/Australia/VIC160/2020 | EPI\_ISL\_419857 | A.1 | S | Oceania / Australia / Victoria | 18-MAR-2020 |
| hCoV-19/Australia/VIC159/2020 | EPI\_ISL\_419856 | A.1 | S | Oceania / Australia / Victoria | 18-MAR-2020 |
| hCoV-19/Australia/VIC150/2020 | EPI\_ISL\_419847 | A.3 | S | Oceania / Australia / Victoria | 17-MAR-2020 |
| hCoV-19/Australia/VIC140/2020 | EPI\_ISL\_419837 | A.1 | S | Oceania / Australia / Victoria | 16-MAR-2020 |
| hCoV-19/Australia/VIC139/2020 | EPI\_ISL\_419836 | A.1 | S | Oceania / Australia / Victoria | 15-MAR-2020 |
| hCoV-19/Australia/VIC138/2020 | EPI\_ISL\_419834 | A.5 | S | Oceania / Australia / Victoria | 23-FEB-2020 |
| hCoV-19/Australia/VIC51/2020 | EPI\_ISL\_419826 | A.3 | S | Oceania / Australia / Victoria | 12-MAR-2020 |
| hCoV-19/Australia/VIC130/2020 | EPI\_ISL\_419823 | A.1 | S | Oceania / Australia / Victoria | 21-MAR-2020 |
| hCoV-19/Australia/VIC112/2020 | EPI\_ISL\_419821 | A.3 | S | Oceania / Australia / Victoria | 18-MAR-2020 |
| hCoV-19/Australia/VIC46/2020 | EPI\_ISL\_419816 | A.1 | S | Oceania / Australia / Victoria | 11-MAR-2020 |
| hCoV-19/Australia/VIC103/2020 | EPI\_ISL\_419814 | A.3 | S | Oceania / Australia / Victoria | 17-MAR-2020 |
| hCoV-19/Australia/VIC100/2020 | EPI\_ISL\_419812 | A.3 | S | Oceania / Australia / Victoria | 16-MAR-2020 |
| hCoV-19/Australia/VIC94/2020 | EPI\_ISL\_419805 | A.1 | S | Oceania / Australia / Victoria | 16-MAR-2020 |
| hCoV-19/Australia/VIC86/2020 | EPI\_ISL\_419796 | A.3 | S | Oceania / Australia / Victoria | 15-MAR-2020 |
| hCoV-19/Australia/VIC85/2020 | EPI\_ISL\_419795 | A.3 | S | Oceania / Australia / Victoria | 15-MAR-2020 |
| hCoV-19/Australia/VIC77/2020 | EPI\_ISL\_419789 | A.3 | S | Oceania / Australia / Victoria | 14-MAR-2020 |
| hCoV-19/Australia/VIC76/2020 | EPI\_ISL\_419788 | A.3 | S | Oceania / Australia / Victoria | 14-MAR-2020 |
| hCoV-19/Australia/VIC73/2020 | EPI\_ISL\_419785 | A.3 | S | Oceania / Australia / Victoria | 14-MAR-2020 |
| hCoV-19/Australia/VIC69/2020 | EPI\_ISL\_419783 | A.1 | S | Oceania / Australia / Victoria | 13-MAR-2020 |
| hCoV-19/Australia/VIC68/2020 | EPI\_ISL\_419782 | A.1 | S | Oceania / Australia / Victoria | 13-MAR-2020 |
| hCoV-19/Australia/VIC67/2020 | EPI\_ISL\_419781 | A.1 | S | Oceania / Australia / Victoria | 13-MAR-2020 |
| hCoV-19/Australia/VIC57/2020 | EPI\_ISL\_419779 | A.1 | S | Oceania / Australia / Victoria | 12-MAR-2020 |
| hCoV-19/Australia/VIC56/2020 | EPI\_ISL\_419777 | A.3 | S | Oceania / Australia / Victoria | 12-MAR-2020 |
| hCoV-19/Australia/VIC60/2020 | EPI\_ISL\_419772 | A.5 | S | Oceania / Australia / Victoria | 13-MAR-2020 |
| hCoV-19/Australia/VIC53/2020 | EPI\_ISL\_419769 | A.3 | S | Oceania / Australia / Victoria | 12-MAR-2020 |
| hCoV-19/Australia/VIC41/2020 | EPI\_ISL\_419760 | A.1 | S | Oceania / Australia / Victoria | 11-MAR-2020 |
| hCoV-19/Australia/VIC40/2020 | EPI\_ISL\_419758 | A.1 | S | Oceania / Australia / Victoria | 11-MAR-2020 |
| hCoV-19/Australia/VIC35/2020 | EPI\_ISL\_419755 | A.3 | S | Oceania / Australia / Victoria | 10-MAR-2020 |
| hCoV-19/Australia/VIC33/2020 | EPI\_ISL\_419752 | A.3 | S | Oceania / Australia / Victoria | 10-MAR-2020 |
| hCoV-19/Australia/VIC32/2020 | EPI\_ISL\_419751 | A.3 | S | Oceania / Australia / Victoria | 10-MAR-2020 |
| hCoV-19/Australia/VIC28/2020 | EPI\_ISL\_419747 | A.3 | S | Oceania / Australia / Victoria | 10-MAR-2020 |

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| **Virus name** | **GISAID ID** | **Lineage** | **GISAID Clade** | **Location** | **Collection date** |
| --- | --- | --- | --- | --- | --- |
| hCoV-19/Australia/VIC27/2020 | EPI\_ISL\_419746 | A.3 | S | Oceania / Australia / Victoria | 10-MAR-2020 |
| hCoV-19/Australia/VIC20/2020 | EPI\_ISL\_419741 | A.1 | S | Oceania / Australia / Victoria | 8-MAR-2020 |
| hCoV-19/Australia/VIC24/2020 | EPI\_ISL\_419739 | A.1 | S | Oceania / Australia / Victoria | 9-MAR-2020 |
| hCoV-19/Australia/VIC17/2020 | EPI\_ISL\_419736 | A.3 | S | Oceania / Australia / Victoria | 7-MAR-2020 |
| hCoV-19/Australia/VIC13/2020 | EPI\_ISL\_419733 | A | S | Oceania / Australia / Victoria | 31-JAN-2020 |
| hCoV-19/Australia/VIC126/2020 | EPI\_ISL\_419728 | A.2 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC117/2020 | EPI\_ISL\_419727 | A.3 | S | Oceania / Australia / Victoria | 19-MAR-2020 |
| hCoV-19/Australia/VIC118/2020 | EPI\_ISL\_419719 | A.1 | S | Oceania / Australia / Victoria | 20-MAR-2020 |
| hCoV-19/Australia/VIC115/2020 | EPI\_ISL\_419717 | A.1 | S | Oceania / Australia / Victoria | 19-MAR-2020 |
| hCoV-19/Australia/VIC110/2020 | EPI\_ISL\_419716 | A.1 | S | Oceania / Australia / Victoria | 18-MAR-2020 |
| hCoV-19/Australia/VIC111/2020 | EPI\_ISL\_419715 | A.1 | S | Oceania / Australia / Victoria | 18-MAR-2020 |
| hCoV-19/Australia/VIC108/2020 | EPI\_ISL\_419714 | A.3 | S | Oceania / Australia / Victoria | 18-MAR-2020 |
| hCoV-19/USA/VA-DCLS-0021/2020 | EPI\_ISL\_419713 | A.p7 or A | S | North America / USA / Virginia | 11-MAR-2020 |
| hCoV-19/USA/VA-DCLS-0017/2020 | EPI\_ISL\_419711 | A.1 | S | North America / USA / Virginia | 11-MAR-2020 |
| hCoV-19/Spain/PaisVasco201602/2020 | EPI\_ISL\_419709 | A.2 | S | Europe / Spain / BasqueCountry | 4-MAR-2020 |
| hCoV-19/USA/NY-NYUMC37/2020 | EPI\_ISL\_419698 | A | S | North America / USA / New York / Manhattan | 18-MAR-2020 |
| hCoV-19/USA/NY-NYUMC35/2020 | EPI\_ISL\_419696 | A | S | North America / USA / New York / Manhattan | 18-MAR-2020 |
| hCoV-19/Spain/Valencia22/2020 | EPI\_ISL\_419686 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia21/2020 | EPI\_ISL\_419685 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 10-MAR-2020 |
| hCoV-19/Spain/Valencia20/2020 | EPI\_ISL\_419684 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia19/2020 | EPI\_ISL\_419683 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 8-MAR-2020 |
| hCoV-19/Spain/Valencia18/2020 | EPI\_ISL\_419682 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 10-MAR-2020 |
| hCoV-19/Spain/Valencia15/2020 | EPI\_ISL\_419679 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 2-MAR-2020 |
| hCoV-19/Spain/Valencia14/2020 | EPI\_ISL\_419678 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/Spain/Valencia12/2020 | EPI\_ISL\_419676 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 9-MAR-2020 |
| hCoV-19/USA/FL\_5091/2020 | EPI\_ISL\_419560 | A or B.1.1 | S | North America / USA / Florida | 28-FEB-2020 |
| hCoV-19/USA/CT-Yale-037/2020 | EPI\_ISL\_419526 | A.1 | S | North America / USA / Connecticut | 16-MAR-2020 |
| hCoV-19/USA/CT-Yale-034/2020 | EPI\_ISL\_419524 | A.1 | S | North America / USA / Connecticut | 15-MAR-2020 |
| hCoV-19/Wales/PHWC-2469B/2020 | EPI\_ISL\_419438 | B.1 | O | Europe / United Kingdom / Wales | 18-MAR-2020 |
| hCoV-19/USA/MN64-MDH64/2020 | EPI\_ISL\_419392 | A.1 | S | North America / USA / Minnesota | 13-MAR-2020 |
| hCoV-19/USA/MN63-MDH63/2020 | EPI\_ISL\_419391 | A.1 | S | North America / USA / Minnesota | 14-MAR-2020 |
| hCoV-19/USA/VA-DCLS-00011/2020 | EPI\_ISL\_419263 | A.1 | S | North America / USA / Virginia | 10-MAR-2020 |
| hCoV-19/USA/VA-DCLS-00010/2020 | EPI\_ISL\_419262 | A.1 | S | North America / USA / Virginia | 9-MAR-2020 |
| hCoV-19/Spain/PaisVasco201607/2020 | EPI\_ISL\_419240 | A.2 | S | Europe / Spain / Basque Country | 3-MAR-2020 |
| hCoV-19/Spain/PaisVasco201493/2020 | EPI\_ISL\_419238 | A.2 | O | Europe / Spain / Basque Country | 5-MAR-2020 |
| hCoV-19/Spain/LaRioja201575/2020 | EPI\_ISL\_419234 | A.2 | S | Europe / Spain / LaRioja | 3-MAR-2020 |
| hCoV-19/Spain/Canarias201495/2020 | EPI\_ISL\_419233 | A.2 | S | Europe / Spain / Canary Islands | 4-MAR-2020 |
| hCoV-19/Spain/Andalucia201617/2020 | EPI\_ISL\_419230 | A.5 | S | Europe / Spain / Andalusia | 5-MAR-2020 |
| hCoV-19/Singapore/20/2020 | EPI\_ISL\_418993 | A | S | Asia / Singapore | 29-JAN-2020 |
| hCoV-19/USA/VA-DCLS-0004/2020 | EPI\_ISL\_418958 | A.1 | S | North America / USA / Virginia | 17-MAR-2020 |
| hCoV-19/USA/VA-DCLS-0003/2020 | EPI\_ISL\_418957 | A.1 | S | North America / USA / Virginia | 17-MAR-2020 |
| hCoV-19/USA/VA-DCLS-0002/2020 | EPI\_ISL\_418956 | A.1 | S | North America / USA / Virginia | 17-MAR-2020 |
| hCoV-19/USA/WA-UW390/2020 | EPI\_ISL\_418955 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW387/2020 | EPI\_ISL\_418952 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW385/2020 | EPI\_ISL\_418950 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW384/2020 | EPI\_ISL\_418949 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW383/2020 | EPI\_ISL\_418948 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/UN-UW382/2020 | EPI\_ISL\_418947 | A.1 | S | North America / USA | 16-MAR-2020 |
| hCoV-19/USA/IL-UW381/2020 | EPI\_ISL\_418946 | A.1 | S | North America / USA / Illinois | 12-MAR-2020 |
| hCoV-19/USA/WA-UW379/2020 | EPI\_ISL\_418945 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW378/2020 | EPI\_ISL\_418944 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW376/2020 | EPI\_ISL\_418943 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW375/2020 | EPI\_ISL\_418942 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW374/2020 | EPI\_ISL\_418941 | A.1 | S | North America / USA | MAR-2020 |
| hCoV-19/USA/WA-UW373/2020 | EPI\_ISL\_418940 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW372/2020 | EPI\_ISL\_418939 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW371/2020 | EPI\_ISL\_418938 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW370/2020 | EPI\_ISL\_418937 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW369/2020 | EPI\_ISL\_418936 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW368/2020 | EPI\_ISL\_418935 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW367/2020 | EPI\_ISL\_418934 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW364/2020 | EPI\_ISL\_418931 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW363/2020 | EPI\_ISL\_418930 | A.1 | S | North America / USA / Washington | 17-MAR-2020 |
| hCoV-19/USA/WA-UW361/2020 | EPI\_ISL\_418928 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW360/2020 | EPI\_ISL\_418927 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW355/2020 | EPI\_ISL\_418922 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/UN-UW354/2020 | EPI\_ISL\_418921 | A.1 | S | North America / USA | 16-MAR-2020 |
| hCoV-19/USA/IL-UW350/2020 | EPI\_ISL\_418917 | A.1 | S | North America / USA / Illinois | 14-MAR-2020 |
| hCoV-19/USA/WA-UW347/2020 | EPI\_ISL\_418914 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW345/2020 | EPI\_ISL\_418912 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW344/2020 | EPI\_ISL\_418911 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW343/2020 | EPI\_ISL\_418910 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW342/2020 | EPI\_ISL\_418909 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW341/2020 | EPI\_ISL\_418908 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW340/2020 | EPI\_ISL\_418907 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW339/2020 | EPI\_ISL\_418906 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW338/2020 | EPI\_ISL\_418905 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW336/2020 | EPI\_ISL\_418903 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/MN-UW334/2020 | EPI\_ISL\_418901 | A.1 | S | North America / USA / Minnesota | 13-MAR-2020 |
| hCoV-19/USA/WA-UW332/2020 | EPI\_ISL\_418899 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW330/2020 | EPI\_ISL\_418897 | A.3 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW325/2020 | EPI\_ISL\_418892 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW323/2020 | EPI\_ISL\_418890 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW321/2020 | EPI\_ISL\_418888 | A.1 | O | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW320/2020 | EPI\_ISL\_418887 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW319/2020 | EPI\_ISL\_418886 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW317/2020 | EPI\_ISL\_418884 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW316/2020 | EPI\_ISL\_418883 | A.1 | O | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW315/2020 | EPI\_ISL\_418882 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW314/2020 | EPI\_ISL\_418881 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW309/2020 | EPI\_ISL\_418877 | A.1 | S | North America / USA / Washington | 24-MAR-2020 |
| hCoV-19/USA/WA-UW306/2020 | EPI\_ISL\_418874 | A.1 | O | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW305/2020 | EPI\_ISL\_418873 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW304/2020 | EPI\_ISL\_418872 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/CT-UW303/2020 | EPI\_ISL\_418871 | A | S | North America / USA / Connecticut | 14-MAR-2020 |
| hCoV-19/USA/WA-UW302/2020 | EPI\_ISL\_418870 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW301/2020 | EPI\_ISL\_418869 | A.3 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW300/2020 | EPI\_ISL\_418868 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW299/2020 | EPI\_ISL\_418867 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW298/2020 | EPI\_ISL\_418866 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/VA-DCLS-0001/2020 | EPI\_ISL\_418864 | A.1 | S | North America / USA / Virginia | 17-MAR-2020 |
| hCoV-19/Canada/BC\_8897642/2020 | EPI\_ISL\_418855 | A or A.1 | S | North America / Canada / British Columbia | 11-MAR-2020 |
| hCoV-19/Canada/BC\_8896915/2020 | EPI\_ISL\_418854 | A or A.1 | S | North America / Canada / British Columbia | 11-MAR-2020 |
| hCoV-19/Canada/BC\_8894200/2020 | EPI\_ISL\_418853 | A or A.1 | S | North America / Canada / British Columbia | 11-MAR-2020 |
| hCoV-19/Canada/BC\_8718874/2020 | EPI\_ISL\_418852 | A or A.1 | S | North America / Canada / British Columbia | 7-MAR-2020 |
| hCoV-19/Canada/BC\_8622445/2020 | EPI\_ISL\_418851 | A.1 | S | North America / Canada / British Columbia | 13-MAR-2020 |
| hCoV-19/Canada/BC\_8606204/2020 | EPI\_ISL\_418850 | A or A.1 | S | North America / Canada / British Columbia | 13-MAR-2020 |
| hCoV-19/Canada/BC\_8159203/2020 | EPI\_ISL\_418848 | A or A.1 | S | North America / Canada / British Columbia | 5-MAR-2020 |
| hCoV-19/Canada/BC\_8150537/2020 | EPI\_ISL\_418847 | A.1 | S | North America / Canada / British Columbia | 12-MAR-2020 |
| hCoV-19/Canada/BC\_7277381/2020 | EPI\_ISL\_418843 | A or A.1 | S | North America / Canada / British Columbia | 12-MAR-2020 |
| hCoV-19/Canada/BC\_6981299/2020 | EPI\_ISL\_418841 | A.1 | S | North America / Canada / British Columbia | 11-MAR-2020 |
| hCoV-19/Canada/BC\_6502001/2020 | EPI\_ISL\_418840 | A or A.1 | S | North America / Canada / British Columbia | 12-MAR-2020 |
| hCoV-19/Canada/BC\_4799711/2020 | EPI\_ISL\_418830 | A or A.1 | S | North America / Canada / British Columbia | 9-MAR-2020 |
| hCoV-19/Canada/BC\_4540462/2020 | EPI\_ISL\_418829 | A or A.1 | S | North America / Canada / British Columbia | 10-MAR-2020 |
| hCoV-19/Canada/BC\_4122951/2020 | EPI\_ISL\_418826 | A or A.1 | S | North America / Canada / British Columbia | 10-MAR-2020 |
| hCoV-19/Canada/BC\_4118226/2020 | EPI\_ISL\_418825 | A or A.1 | S | North America / Canada / British Columbia | 10-MAR-2020 |
| hCoV-19/Canada/BC\_3989992/2020 | EPI\_ISL\_418823 | A.1 | S | North America / Canada / British Columbia | 9-MAR-2020 |
| hCoV-19/Canada/BC\_3972884/2020 | EPI\_ISL\_418822 | A or A.1 | S | North America / Canada / British Columbia | 10-MAR-2020 |
| hCoV-19/Canada/BC\_3968175/2020 | EPI\_ISL\_418821 | A or A.1 | S | North America / Canada / British Columbia | 10-MAR-2020 |
| hCoV-19/Canada/BC\_3842755/2020 | EPI\_ISL\_418820 | A.1 | S | North America / Canada / British Columbia | 9-MAR-2020 |
| hCoV-19/Canada/BC\_3808524/2020 | EPI\_ISL\_418819 | A.1 | S | North America / Canada / British Columbia | 9-MAR-2020 |
| hCoV-19/Canada/BC\_1318414/2020 | EPI\_ISL\_418818 | A.1 | S | North America / Canada / British Columbia | 6-MAR-2020 |
| hCoV-19/Canada/BC\_0554880/2020 | EPI\_ISL\_418817 | A.1 | S | North America / Canada / British Columbia | 13-MAR-2020 |
| hCoV-19/Canada/BC\_0443574/2020 | EPI\_ISL\_418816 | A.1 | S | North America / Canada / British Columbia | 11-MAR-2020 |
| hCoV-19/Canada/MB\_8/2020 | EPI\_ISL\_418812 | A.1 | S | North America / Canada / Manitoba | 12-MAR-2020 |
| hCoV-19/Japan/UT-NCGM02/2020 | EPI\_ISL\_418809 | A | S | Asia / Japan / Tokyo | 1-FEB-2020 |
| hCoV-19/USA/WA-NH24/2020 | EPI\_ISL\_418791 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH23/2020 | EPI\_ISL\_418790 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH22/2020 | EPI\_ISL\_418789 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH21/2020 | EPI\_ISL\_418788 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH20/2020 | EPI\_ISL\_418787 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH19/2020 | EPI\_ISL\_418786 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH18/2020 | EPI\_ISL\_418785 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH17/2020 | EPI\_ISL\_418784 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH14/2020 | EPI\_ISL\_418783 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH13/2020 | EPI\_ISL\_418782 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH12/2020 | EPI\_ISL\_418781 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH11/2020 | EPI\_ISL\_418780 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH10/2020 | EPI\_ISL\_418779 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH9/2020 | EPI\_ISL\_418778 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH8/2020 | EPI\_ISL\_418777 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH7/2020 | EPI\_ISL\_418776 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH6/2020 | EPI\_ISL\_418775 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH5/2020 | EPI\_ISL\_418774 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH4/2020 | EPI\_ISL\_418773 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH3/2020 | EPI\_ISL\_418772 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-NH2/2020 | EPI\_ISL\_418771 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/Canada/ON\_PHL3476/2020 | EPI\_ISL\_418380 | A.1 | S | North America / Canada / Ontario | 13-MAR-2020 |
| hCoV-19/Canada/ON\_PHL6884/2020 | EPI\_ISL\_418343 | A.1 | S | North America / Canada / Ontario | 10-MAR-2020 |
| hCoV-19/Canada/ON\_PHL0178/2020 | EPI\_ISL\_418342 | A.1 | S | North America / Canada / Ontario | 11-MAR-2020 |
| hCoV-19/Canada/ON\_PHL0142/2020 | EPI\_ISL\_418341 | A.1 | S | North America / Canada / Ontario | 12-MAR-2020 |
| hCoV-19/Canada/ON\_PHL1083/2020 | EPI\_ISL\_418340 | A.1 | S | North America / Canada / Ontario | 9-MAR-2020 |
| hCoV-19/Canada/ON\_PHL3877/2020 | EPI\_ISL\_418339 | A.1 | S | North America / Canada / Ontario | 9-MAR-2020 |
| hCoV-19/Canada/ON\_PHL5710/2020 | EPI\_ISL\_418338 | A.1 | S | North America / Canada / Ontario | 12-MAR-2020 |
| hCoV-19/Canada/ON\_PHL3802/2020 | EPI\_ISL\_418337 | A.1 | S | North America / Canada / Ontario | 12-MAR-2020 |
| hCoV-19/Canada/ON\_PHL5705/2020 | EPI\_ISL\_418336 | A.1 | S | North America / Canada / Ontario | 12-MAR-2020 |
| hCoV-19/Canada/ON\_PHL4464/2020 | EPI\_ISL\_418335 | A.1 | S | North America / Canada / Ontario | 14-MAR-2020 |
| hCoV-19/Canada/ON\_PHL4069/2020 | EPI\_ISL\_418334 | A.1 | S | North America / Canada / Ontario | 7-MAR-2020 |
| hCoV-19/Canada/ON\_PHL3501/2020 | EPI\_ISL\_418333 | A.1 | S | North America / Canada / Ontario | 10-MAR-2020 |
| hCoV-19/Canada/ON\_PHL0052/2020 | EPI\_ISL\_418332 | A.1 | S | North America / Canada / Ontario | 11-MAR-2020 |
| hCoV-19/Canada/ON\_PHL6883/2020 | EPI\_ISL\_418331 | A.1 | S | North America / Canada / Ontario | 8-MAR-2020 |
| hCoV-19/Canada/ON\_PHL8580/2020 | EPI\_ISL\_418330 | A.1 | S | North America / Canada / Ontario | 5-MAR-2020 |
| hCoV-19/Greece/16/2020 | EPI\_ISL\_418265 | A.2 | S | Europe / Greece / Athens | 18-MAR-2020 |
| hCoV-19/Spain/PaisVasco201382/2020 | EPI\_ISL\_418253 | A.2 | S | Europe / Spain / Basque Country | 2-MAR-2020 |
| hCoV-19/Spain/Madrid201449/2020 | EPI\_ISL\_418252 | A.5 | S | Europe / Spain / Madrid | 4-MAR-2020 |
| hCoV-19/Spain/CastillayLeon201372/2020 | EPI\_ISL\_418249 | A.2 | S | Europe / Spain / Castilla y Leon | 3-MAR-2020 |
| hCoV-19/Spain/CastillayLeon201323/2020 | EPI\_ISL\_418248 | A.2 | S | Europe / Spain / Castilla y Leon | 1-MAR-2020 |
| hCoV-19/Spain/CastillaLaMancha201329/2020 | EPI\_ISL\_418246 | A.5 | S | Europe / Spain / Castilla-La Mancha | 1-MAR-2020 |
| hCoV-19/Spain/CastillaLaMancha201328/2020 | EPI\_ISL\_418245 | A.5 | S | Europe / Spain / Castilla La Mancha | 1-MAR-2020 |
| hCoV-19/Senegal/136/2020 | EPI\_ISL\_418216 | A.2 | S | Africa / Senegal / Dakar | 13-MAR-2020 |
| hCoV-19/USA/WI-GMF-00237/2020 | EPI\_ISL\_418189 | A.1 | S | North America / USA / Wisconsin | 23-MAR-2020 |
| hCoV-19/USA/WI-GMF-00228/2020 | EPI\_ISL\_418187 | A.1 | S | North America / USA / Wisconsin / La Crosse County | 23-MAR-2020 |
| hCoV-19/USA/WI-GMF-00227/2020 | EPI\_ISL\_418186 | A.1 | S | North America / USA / Wisconsin / La Crosse County | 23-MAR-2020 |
| hCoV-19/Wales/PHWC-24112/2020 | EPI\_ISL\_418146 | A.2 | S | Europe / United Kingdom / Wales | 14-MAR-2020 |
| hCoV-19/USA/WA-UW297/2020 | EPI\_ISL\_418082 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW294/2020 | EPI\_ISL\_418079 | A.1 | O | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW293/2020 | EPI\_ISL\_418078 | A.1 | O | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW292/2020 | EPI\_ISL\_418077 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW290/2020 | EPI\_ISL\_418075 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW289/2020 | EPI\_ISL\_418074 | A.1 | O | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW286/2020 | EPI\_ISL\_418071 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW285/2020 | EPI\_ISL\_418070 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW284/2020 | EPI\_ISL\_418069 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW280/2020 | EPI\_ISL\_418065 | A.1 | O | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW279/2020 | EPI\_ISL\_418064 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW278/2020 | EPI\_ISL\_418063 | A.1 | O | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW277/2020 | EPI\_ISL\_418062 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/UN-UW276/2020 | EPI\_ISL\_418061 | A.1 | S | North America / USA | 13-MAR-2020 |
| hCoV-19/USA/WA-UW274/2020 | EPI\_ISL\_418059 | A.1 | S | North America / USA | 13-MAR-2020 |
| hCoV-19/USA/WA-UW270/2020 | EPI\_ISL\_418055 | A.1 | O | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW265/2020 | EPI\_ISL\_418050 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW263/2020 | EPI\_ISL\_418048 | A.1 | O | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW262/2020 | EPI\_ISL\_418047 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW261/2020 | EPI\_ISL\_418046 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/CT-UW260/2020 | EPI\_ISL\_418045 | A.3 | S | North America / USA / Connecticut | 14-MAR-2020 |
| hCoV-19/USA/WA-UW255/2020 | EPI\_ISL\_418040 | A.1 | O | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW253/2020 | EPI\_ISL\_418038 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW249/2020 | EPI\_ISL\_418034 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW245/2020 | EPI\_ISL\_418030 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/USA/WA-UW244/2020 | EPI\_ISL\_418029 | A.1 | S | North America / USA / Washington | 16-MAR-2020 |
| hCoV-19/Portugal/PT0042/2020 | EPI\_ISL\_418027 | A.2 | S | Europe / Portugal | 17-MAR-2020 |
| hCoV-19/Spain/Madrid\_R10\_33/2020 | EPI\_ISL\_417981 | A or A.2 | S | Europe / Spain / Madrid | 2-MAR-2020 |
| hCoV-19/Spain/Madrid\_R5\_8/2020 | EPI\_ISL\_417980 | A.5 | S | Europe / Spain / Madrid | 3-MAR-2020 |
| hCoV-19/Spain/Madrid\_R2\_15/2020 | EPI\_ISL\_417979 | A | S | Europe / Spain / Madrid | 3-MAR-2020 |
| hCoV-19/USA/UT-016/2020 | EPI\_ISL\_417966 | A.1 | S | North America / USA / Utah | 13-MAR-2020 |
| hCoV-19/USA/UT-014/2020 | EPI\_ISL\_417964 | A.1 | S | North America / USA / Utah | 13-MAR-2020 |
| hCoV-19/Spain/Madrid\_H9\_38/2020 | EPI\_ISL\_417961 | A.2 | S | Europe / Spain / Madrid | 12-MAR-2020 |
| hCoV-19/USA/UT-012/2020 | EPI\_ISL\_417960 | A.1 | S | North America / USA / Utah | 12-MAR-2020 |
| hCoV-19/Colombia/INS-79256/2020 | EPI\_ISL\_417924 | A.5 | S | South America / Colombia / Antioquia | 11-MAR-2020 |
| hCoV-19/Iceland/9/2020 | EPI\_ISL\_417871 | A.1.1 | S | Europe / Iceland / Reykjavik | 11-MAR-2020 |
| hCoV-19/Iceland/190/2020 | EPI\_ISL\_417818 | A.1.1 | S | Europe / Iceland / Reykjavik | 16-MAR-2020 |
| hCoV-19/Iceland/140/2020 | EPI\_ISL\_417791 | A.1.1 | S | Europe / Iceland / Reykjavik | 12-MAR-2020 |
| hCoV-19/Iceland/136/2020 | EPI\_ISL\_417789 | A.1.1 | S | Europe / Iceland / Reykjavik | 12-MAR-2020 |
| hCoV-19/Iceland/191/2020 | EPI\_ISL\_417762 | A.1.1 | S | Europe / Iceland / Reykjavik | 16-MAR-2020 |
| hCoV-19/Iceland/182/2020 | EPI\_ISL\_417724 | A.1.1 | S | Europe / Iceland / Reykjavik | 16-MAR-2020 |
| hCoV-19/Iceland/138/2020 | EPI\_ISL\_417720 | A.1.1 | S | Europe / Iceland / Reykjavik | 12-MAR-2020 |
| hCoV-19/Iceland/195/2020 | EPI\_ISL\_417717 | A.1.1 | S | Europe / Iceland / Reykjavik | 16-MAR-2020 |
| hCoV-19/Iceland/29/2020 | EPI\_ISL\_417618 | A.1.1 | S | Europe / Iceland / Reykjavik | 16-MAR-2020 |
| hCoV-19/Iceland/287/2020 | EPI\_ISL\_417615 | A.1.1 | S | Europe / Iceland / Reykjavik | 18-MAR-2020 |
| hCoV-19/Iceland/259/2020 | EPI\_ISL\_417587 | A.1 | S | Europe / Iceland / Reykjavik | 17-MAR-2020 |
| hCoV-19/Iceland/249/2020 | EPI\_ISL\_417577 | A.1.1 | S | Europe / Iceland / Reykjavik | 17-MAR-2020 |
| hCoV-19/USA/WI-UW-22/2020 | EPI\_ISL\_417514 | A.4 | S | North America / USA / Wisconsin | 13-MAR-2020 |
| hCoV-19/USA/WI-UW-23/2020 | EPI\_ISL\_417507 | A.1 | S | North America / USA / Wisconsin | 17-MAR-2020 |
| hCoV-19/USA/WI-UW-15/2020 | EPI\_ISL\_417504 | A.1 | S | North America / USA / Wisconsin | 16-MAR-2020 |
| hCoV-19/USA/MN59-MDH59/2020 | EPI\_ISL\_417503 | A.1 | S | North America / USA / Minnesota | 14-MAR-2020 |
| hCoV-19/USA/MN56-MDH56/2020 | EPI\_ISL\_417500 | A.1 | S | North America / USA / Minnesota | 14-MAR-2020 |
| hCoV-19/USA/MN44-MDH44/2020 | EPI\_ISL\_417480 | A.1 | S | North America / USA / Minnesota | 12-MAR-2020 |
| hCoV-19/USA/MN41-MDH41/2020 | EPI\_ISL\_417477 | A.1 | S | North America / USA / Minnesota | 12-MAR-2020 |
| hCoV-19/USA/WA-UW242/2020 | EPI\_ISL\_417456 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW239/2020 | EPI\_ISL\_417453 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW236/2020 | EPI\_ISL\_417450 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW235/2020 | EPI\_ISL\_417449 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW234/2020 | EPI\_ISL\_417448 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/Hong Kong/XM-PII-S4/2020 | EPI\_ISL\_417443 | A | S | Asia / Hong Kong | 22-JAN-2020 |
| hCoV-19/Australia/NSW37/2020 | EPI\_ISL\_417395 | A.1 | O | Oceania / Australia / New South Wales / Sydney | 10-MAR-2020 |
| hCoV-19/USA/WA-UW232/2020 | EPI\_ISL\_417381 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW231/2020 | EPI\_ISL\_417380 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW229/2020 | EPI\_ISL\_417378 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW228/2020 | EPI\_ISL\_417377 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW226/2020 | EPI\_ISL\_417375 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW225/2020 | EPI\_ISL\_417374 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW222/2020 | EPI\_ISL\_417371 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW221/2020 | EPI\_ISL\_417370 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW220/2020 | EPI\_ISL\_417369 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/UN-UW219/2020 | EPI\_ISL\_417368 | A.1 | S | North America / USA | 13-MAR-2020 |
| hCoV-19/USA/WA-UW218/2020 | EPI\_ISL\_417367 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW217/2020 | EPI\_ISL\_417366 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW216/2020 | EPI\_ISL\_417365 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW215/2020 | EPI\_ISL\_417364 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW214/2020 | EPI\_ISL\_417363 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW212/2020 | EPI\_ISL\_417361 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW211/2020 | EPI\_ISL\_417360 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW209/2020 | EPI\_ISL\_417358 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW208/2020 | EPI\_ISL\_417357 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW207/2020 | EPI\_ISL\_417356 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW206/2020 | EPI\_ISL\_417355 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW205/2020 | EPI\_ISL\_417354 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW204/2020 | EPI\_ISL\_417353 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW202/2020 | EPI\_ISL\_417351 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW201/2020 | EPI\_ISL\_417350 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW200/2020 | EPI\_ISL\_417349 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW199/2020 | EPI\_ISL\_417348 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW198/2020 | EPI\_ISL\_417347 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW195/2020 | EPI\_ISL\_417344 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/CA-CDPH-UC28/2020 | EPI\_ISL\_417332 | A.1 | S | North America / USA / California / San Francisco County | 14-MAR-2020 |
| hCoV-19/USA/CA-CDPH-UC20/2020 | EPI\_ISL\_417324 | A.1 | S | North America / USA / California / Solano County | 4-MAR-2020 |
| hCoV-19/USA/CA-CDPH-UC19/2020 | EPI\_ISL\_417323 | A.1 | S | North America / USA / California / Marin County | 4-MAR-2020 |
| hCoV-19/USA/WI-UW-09/2020 | EPI\_ISL\_417203 | A.1 | S | North America / USA / Wisconsin / Madison | 21-MAR-2020 |
| hCoV-19/USA/WI-UW-07/2020 | EPI\_ISL\_417201 | A.4 | S | North America / USA / Wisconsin / Madison | 21-MAR-2020 |
| hCoV-19/USA/WI-UW-06/2020 | EPI\_ISL\_417200 | A.4 | S | North America / USA / Wisconsin / Cottage Grove | 21-MAR-2020 |
| hCoV-19/USA/MN26-MDH26/2020 | EPI\_ISL\_417194 | A.1 | S | North America / USA / Minnesota | 12-MAR-2020 |
| hCoV-19/Hong Kong/HKPU1\_2101/2020 | EPI\_ISL\_417176 | A | S | Asia / Hong Kong | 21-JAN-2020 |
| hCoV-19/USA/WA-S122/2020 | EPI\_ISL\_417175 | A.1 | S | North America / USA / Washington / Grant County | 2-MAR-2020 |
| hCoV-19/USA/WA-S121/2020 | EPI\_ISL\_417174 | A.1 | S | North America / USA / Washington / King County | 1-MAR-2020 |
| hCoV-19/USA/WA-S119/2020 | EPI\_ISL\_417172 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S118/2020 | EPI\_ISL\_417171 | A.1 | S | North America / USA / Washington / King County | 1-MAR-2020 |
| hCoV-19/USA/WA-S117/2020 | EPI\_ISL\_417170 | A.1 | S | North America / USA / Washington | 2-MAR-2020 |
| hCoV-19/USA/WA-S116/2020 | EPI\_ISL\_417169 | A.1 | S | North America / USA / Washington | 2-MAR-2020 |
| hCoV-19/USA/WA-S115/2020 | EPI\_ISL\_417168 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S114/2020 | EPI\_ISL\_417167 | A.1 | S | North America / USA / Washington / Snohomish County | 5-MAR-2020 |
| hCoV-19/USA/WA-S113/2020 | EPI\_ISL\_417166 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S112/2020 | EPI\_ISL\_417165 | A.1 | S | North America / USA / Washington / King County | 8-MAR-2020 |
| hCoV-19/USA/WA-S111/2020 | EPI\_ISL\_417164 | A.1 | S | North America / USA / Washington / King County | 7-MAR-2020 |
| hCoV-19/USA/WA-S110/2020 | EPI\_ISL\_417163 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S109/2020 | EPI\_ISL\_417162 | A.1 | S | North America / USA / Washington / Snohomish County | 1-MAR-2020 |
| hCoV-19/USA/WA-S108/2020 | EPI\_ISL\_417161 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S107/2020 | EPI\_ISL\_417160 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S106/2020 | EPI\_ISL\_417159 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S105/2020 | EPI\_ISL\_417158 | A.1 | S | North America / USA / Washington / King County | 28-FEB-2020 |
| hCoV-19/USA/WA-S104/2020 | EPI\_ISL\_417157 | A.1 | S | North America / USA / Washington / Snohomish County | 5-MAR-2020 |
| hCoV-19/USA/WA-S103/2020 | EPI\_ISL\_417156 | A.1 | S | North America / USA / Washington / King County | 28-FEB-2020 |
| hCoV-19/USA/WA-S102/2020 | EPI\_ISL\_417155 | A.1 | S | North America / USA / Washington / King County | 28-FEB-2020 |
| hCoV-19/USA/WA-S101/2020 | EPI\_ISL\_417154 | A.1 | S | North America / USA / Washington / King County | 28-FEB-2020 |
| hCoV-19/USA/WA-S100/2020 | EPI\_ISL\_417153 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S99/2020 | EPI\_ISL\_417152 | A.1 | S | North America / USA / Washington / King County | 28-FEB-2020 |
| hCoV-19/USA/WA-S98/2020 | EPI\_ISL\_417151 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S97/2020 | EPI\_ISL\_417150 | A.1 | S | North America / USA / Washington / King County | 28-FEB-2020 |
| hCoV-19/USA/WA-S96/2020 | EPI\_ISL\_417149 | A.1 | S | North America / USA / Washington / King County | 28-FEB-2020 |
| hCoV-19/USA/WA-S95/2020 | EPI\_ISL\_417148 | A.1 | S | North America / USA / Washington / King County | 28-FEB-2020 |
| hCoV-19/USA/WA-S94/2020 | EPI\_ISL\_417147 | A.1 | S | North America / USA / Washington / Snohomish County | 28-FEB-2020 |
| hCoV-19/USA/WA-S93/2020 | EPI\_ISL\_417146 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S92/2020 | EPI\_ISL\_417145 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S91/2020 | EPI\_ISL\_417144 | A.1 | S | North America / USA / Washington / Snohomish County | 2-MAR-2020 |
| hCoV-19/USA/WA-S90/2020 | EPI\_ISL\_417143 | A.1 | S | North America / USA / Washington / Umatilla County | 29-FEB-2020 |
| hCoV-19/USA/WA-S89/2020 | EPI\_ISL\_417142 | A.1 | S | North America / USA / Washington / Umatilla County | 29-FEB-2020 |
| hCoV-19/USA/WA-S88/2020 | EPI\_ISL\_417141 | A.1 | S | North America / USA / Washington / King County | 1-MAR-2020 |
| hCoV-19/USA/WA-S87/2020 | EPI\_ISL\_417140 | A.1 | S | North America / USA / Washington / King County | 1-MAR-2020 |
| hCoV-19/USA/WA-S86/2020 | EPI\_ISL\_417139 | A.1 | S | North America / USA / Washington / King County | 1-MAR-2020 |
| hCoV-19/USA/WA-S84/2020 | EPI\_ISL\_417137 | A.1 | S | North America / USA / Washington / King County | 21-FEB-2020 |
| hCoV-19/USA/WA-S83/2020 | EPI\_ISL\_417136 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S82/2020 | EPI\_ISL\_417135 | A.1 | S | North America / USA / Washington / King County | 22-FEB-2020 |
| hCoV-19/USA/WA-S81/2020 | EPI\_ISL\_417134 | A.1 | S | North America / USA / Washington / King County | 26-FEB-2020 |
| hCoV-19/USA/WA-S80/2020 | EPI\_ISL\_417133 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S79/2020 | EPI\_ISL\_417132 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S78/2020 | EPI\_ISL\_417131 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S77/2020 | EPI\_ISL\_417130 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S76/2020 | EPI\_ISL\_417129 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S75/2020 | EPI\_ISL\_417128 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S74/2020 | EPI\_ISL\_417127 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S73/2020 | EPI\_ISL\_417126 | A.1 | S | North America / USA / Washington | 5-MAR-2020 |
| hCoV-19/USA/WA-S72/2020 | EPI\_ISL\_417125 | A.1 | S | North America / USA / Washington / King County | 6-MAR-2020 |
| hCoV-19/USA/WA-S71/2020 | EPI\_ISL\_417124 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S70/2020 | EPI\_ISL\_417123 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S69/2020 | EPI\_ISL\_417122 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S68/2020 | EPI\_ISL\_417121 | A.1 | S | North America / USA / Washington / King County | 4-MAR-2020 |
| hCoV-19/USA/WA-S67/2020 | EPI\_ISL\_417120 | A.1 | S | North America / USA / Washington / King County | 4-MAR-2020 |
| hCoV-19/USA/WA-S66/2020 | EPI\_ISL\_417119 | A.1 | S | North America / USA / Washington / Snohomish County | 6-MAR-2020 |
| hCoV-19/USA/WA-S65/2020 | EPI\_ISL\_417118 | A.1 | S | North America / USA / Washington / King County | 3-MAR-2020 |
| hCoV-19/USA/WA-S64/2020 | EPI\_ISL\_417117 | A.1 | S | North America / USA / Washington / King County | 3-MAR-2020 |
| hCoV-19/USA/WA-S63/2020 | EPI\_ISL\_417116 | A.1 | S | North America / USA / Washington / King County | 4-MAR-2020 |
| hCoV-19/USA/WA-S62/2020 | EPI\_ISL\_417115 | A.1 | S | North America / USA / Washington / Snohomish County | 3-MAR-2020 |
| hCoV-19/USA/WA-S61/2020 | EPI\_ISL\_417114 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S59/2020 | EPI\_ISL\_417112 | A.1 | S | North America / USA / Washington / King County | 2-MAR-2020 |
| hCoV-19/USA/WA-S58/2020 | EPI\_ISL\_417111 | A.1 | S | North America / USA / Washington / Snohomish County | 5-MAR-2020 |
| hCoV-19/USA/WA-S57/2020 | EPI\_ISL\_417110 | A.1 | S | North America / USA / Washington | 3-MAR-2020 |
| hCoV-19/USA/WA-S56/2020 | EPI\_ISL\_417109 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S55/2020 | EPI\_ISL\_417108 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S54/2020 | EPI\_ISL\_417107 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S53/2020 | EPI\_ISL\_417106 | A.1 | S | North America / USA / Washington / Snohomish County | 3-MAR-2020 |
| hCoV-19/USA/WA-S52/2020 | EPI\_ISL\_417105 | A.1 | S | North America / USA / Washington / Snohomish County | 3-MAR-2020 |
| hCoV-19/USA/WA-S51/2020 | EPI\_ISL\_417104 | A.1 | S | North America / USA / Washington | 3-MAR-2020 |
| hCoV-19/USA/WA-S50/2020 | EPI\_ISL\_417103 | A.1 | S | North America / USA / Washington / King County | 5-MAR-2020 |
| hCoV-19/USA/WA-S49/2020 | EPI\_ISL\_417102 | A.1 | S | North America / USA / Washington / King County | 4-MAR-2020 |
| hCoV-19/USA/WA-S48/2020 | EPI\_ISL\_417101 | A.1 | S | North America / USA / Washington / Snohomish County | 29-FEB-2020 |
| hCoV-19/USA/WA-S47/2020 | EPI\_ISL\_417100 | A.1 | S | North America / USA / Washington / Snohomish County | 29-FEB-2020 |
| hCoV-19/USA/WA-S46/2020 | EPI\_ISL\_417099 | A.1 | S | North America / USA / Washington | 29-FEB-2020 |
| hCoV-19/USA/WA-S45/2020 | EPI\_ISL\_417098 | A.1 | S | North America / USA / Washington | 29-FEB-2020 |
| hCoV-19/USA/WA-S44/2020 | EPI\_ISL\_417097 | A.1 | S | North America / USA / Washington | 28-FEB-2020 |
| hCoV-19/USA/WA-S43/2020 | EPI\_ISL\_417096 | A.1 | S | North America / USA / Washington | 27-FEB-2020 |
| hCoV-19/USA/WA-S42/2020 | EPI\_ISL\_417095 | A.1 | S | North America / USA / Washington / King County | 28-FEB-2020 |
| hCoV-19/USA/WA-S41/2020 | EPI\_ISL\_417094 | A.1 | S | North America / USA / Washington / King County | 28-FEB-2020 |
| hCoV-19/USA/WA-S40/2020 | EPI\_ISL\_417093 | A.1 | S | North America / USA / Washington / Snohomish County | 28-FEB-2020 |
| hCoV-19/USA/WA-S39/2020 | EPI\_ISL\_417092 | A.1 | S | North America / USA / Washington / Snohomish County | 4-MAR-2020 |
| hCoV-19/USA/WA-S38/2020 | EPI\_ISL\_417091 | A.1 | S | North America / USA / Washington / Snohomish County | 4-MAR-2020 |
| hCoV-19/USA/WA-S37/2020 | EPI\_ISL\_417090 | A.1 | S | North America / USA / Washington / King County | 4-MAR-2020 |
| hCoV-19/USA/WA-S36/2020 | EPI\_ISL\_417089 | A.1 | S | North America / USA / Washington | 2-MAR-2020 |
| hCoV-19/USA/WA-S35/2020 | EPI\_ISL\_417088 | A.1 | S | North America / USA / Washington | 2-MAR-2020 |
| hCoV-19/USA/WA-S34/2020 | EPI\_ISL\_417087 | A.1 | S | North America / USA / Washington | 2-MAR-2020 |
| hCoV-19/USA/WA-S33/2020 | EPI\_ISL\_417086 | A.1 | S | North America / USA / Washington / Clark County | 1-MAR-2020 |
| hCoV-19/USA/WA-S32/2020 | EPI\_ISL\_417085 | A.1 | S | North America / USA / Washington / Snohomish County | 2-MAR-2020 |
| hCoV-19/USA/WA-S29/2020 | EPI\_ISL\_417082 | A.1 | S | North America / USA / Washington / Grant County | 2-MAR-2020 |
| hCoV-19/USA/WA-S28/2020 | EPI\_ISL\_417081 | A.1 | S | North America / USA / Washington / Snohomish County | 2-MAR-2020 |
| hCoV-19/USA/WA-S27/2020 | EPI\_ISL\_417080 | A.1 | S | North America / USA / Washington / King County | 1-MAR-2020 |
| hCoV-19/USA/WA-S26/2020 | EPI\_ISL\_417079 | A.1 | S | North America / USA / Washington / Snohomish County | 2-MAR-2020 |
| hCoV-19/USA/WA-S25/2020 | EPI\_ISL\_417078 | A.1 | S | North America / USA / Washington / Snohomish County | 2-MAR-2020 |
| hCoV-19/USA/WA-S24/2020 | EPI\_ISL\_417077 | A.1 | S | North America / USA / Washington / Snohomish County | 2-MAR-2020 |
| hCoV-19/USA/WA-S23/2020 | EPI\_ISL\_417076 | A.1 | S | North America / USA / Washington / Snohomish County | 2-MAR-2020 |
| hCoV-19/USA/WA-S22/2020 | EPI\_ISL\_417075 | A.1 | S | North America / USA / Washington / Snohomish County | 2-MAR-2020 |
| hCoV-19/USA/WA-S21/2020 | EPI\_ISL\_417074 | A.1 | S | North America / USA / Washington / King County | 2-MAR-2020 |
| hCoV-19/USA/WA-S20/2020 | EPI\_ISL\_417073 | A.1 | S | North America / USA / Washington | 2-MAR-2020 |
| hCoV-19/USA/WA-S19/2020 | EPI\_ISL\_417072 | A.1 | S | North America / USA / Washington / King County | 2-MAR-2020 |
| hCoV-19/USA/WA-S18/2020 | EPI\_ISL\_417071 | A.1 | S | North America / USA / Washington / King County | 3-MAR-2020 |
| hCoV-19/USA/WA-S17/2020 | EPI\_ISL\_417070 | A.1 | S | North America / USA / Washington / King County | 3-MAR-2020 |
| hCoV-19/USA/WA-S16/2020 | EPI\_ISL\_417069 | A.1 | S | North America / USA / Washington | 3-MAR-2020 |
| hCoV-19/USA/WA-S15/2020 | EPI\_ISL\_417068 | A.1 | S | North America / USA / Washington / King County | 2-MAR-2020 |
| hCoV-19/USA/WA-S14/2020 | EPI\_ISL\_417067 | A.1 | S | North America / USA / Washington / King County | 3-MAR-2020 |
| hCoV-19/USA/WA-S13/2020 | EPI\_ISL\_417066 | A.1 | S | North America / USA / Washington / King County | 3-MAR-2020 |
| hCoV-19/USA/WA-S12/2020 | EPI\_ISL\_417065 | A.1 | S | North America / USA / Washington | 3-MAR-2020 |
| hCoV-19/Brazil/AMBR-02/2020 | EPI\_ISL\_417034 | A.2 | S | South America / Brazil / Amazonas State / Manaus | 16-MAR-2020 |
| hCoV-19/Australia/QLDID919/2020 | EPI\_ISL\_417031 | A.1 | S | Oceania / Australia / Queensland / Gold Coast | 11-MAR-2020 |
| hCoV-19/Australia/NSW04/2020 | EPI\_ISL\_417030 | A | S | Oceania / Australia / New South Wales / Sydney | 24-JAN-2020 |
| hCoV-19/USA/UT-020/2020 | EPI\_ISL\_417028 | A.1 | S | North America / USA / Utah | 20-MAR-2020 |
| hCoV-19/Spain/CastillayLeon201437/2020 | EPI\_ISL\_416994 | A.2 | S | Europe / Spain / Castilla y León | 4-MAR-2020 |
| hCoV-19/Malaysia/MKAK-CL-2020-6430/2020 | EPI\_ISL\_416886 | A | S | Asia / Malaysia / Selangor | 4-FEB-2020 |
| hCoV-19/Malaysia/MKAK-CL-2020-5096/2020 | EPI\_ISL\_416885 | A | S | Asia / Malaysia / Selangor | 30-JAN-2020 |
| hCoV-19/USA/WA-UW190/2020 | EPI\_ISL\_416728 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW189/2020 | EPI\_ISL\_416727 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW188/2020 | EPI\_ISL\_416726 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW184/2020 | EPI\_ISL\_416722 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW183/2020 | EPI\_ISL\_416721 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW180/2020 | EPI\_ISL\_416718 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW179/2020 | EPI\_ISL\_416717 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW177/2020 | EPI\_ISL\_416715 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW176/2020 | EPI\_ISL\_416714 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW175/2020 | EPI\_ISL\_416713 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW174/2020 | EPI\_ISL\_416712 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW173/2020 | EPI\_ISL\_416711 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW172/2020 | EPI\_ISL\_416710 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW171/2020 | EPI\_ISL\_416709 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW167/2020 | EPI\_ISL\_416705 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW165/2020 | EPI\_ISL\_416703 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW164/2020 | EPI\_ISL\_416702 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW163/2020 | EPI\_ISL\_416701 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW162/2020 | EPI\_ISL\_416700 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/CT-UW158/2020 | EPI\_ISL\_416696 | A | S | North America / USA / Connecticut | 13-MAR-2020 |
| hCoV-19/USA/WA-UW157/2020 | EPI\_ISL\_416695 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW156/2020 | EPI\_ISL\_416694 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW154/2020 | EPI\_ISL\_416692 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW152/2020 | EPI\_ISL\_416690 | A.1 | S | North America / USA / Washington | 13-MAR-2020 |
| hCoV-19/USA/WA-UW151/2020 | EPI\_ISL\_416689 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW150/2020 | EPI\_ISL\_416688 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW149/2020 | EPI\_ISL\_416687 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW148/2020 | EPI\_ISL\_416686 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW147/2020 | EPI\_ISL\_416685 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW146/2020 | EPI\_ISL\_416684 | A.1 | S | North America / USA / Washington | 14-MAR-2020 |
| hCoV-19/USA/WA-UW145/2020 | EPI\_ISL\_416683 | A.1 | S | North America / USA / Washington | 15-MAR-2020 |
| hCoV-19/USA/WA-UW144/2020 | EPI\_ISL\_416682 | A.1 | S | North America / USA | 9-MAR-2020 |
| hCoV-19/USA/WA-UW143/2020 | EPI\_ISL\_416681 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW142/2020 | EPI\_ISL\_416680 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW141/2020 | EPI\_ISL\_416679 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW139/2020 | EPI\_ISL\_416677 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW131/2020 | EPI\_ISL\_416669 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW130/2020 | EPI\_ISL\_416668 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW129/2020 | EPI\_ISL\_416667 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW128/2020 | EPI\_ISL\_416666 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW127/2020 | EPI\_ISL\_416665 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW126/2020 | EPI\_ISL\_416664 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW125/2020 | EPI\_ISL\_416663 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW124/2020 | EPI\_ISL\_416662 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW121/2020 | EPI\_ISL\_416659 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW119/2020 | EPI\_ISL\_416657 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW118/2020 | EPI\_ISL\_416656 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW116/2020 | EPI\_ISL\_416654 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW114/2020 | EPI\_ISL\_416652 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW113/2020 | EPI\_ISL\_416651 | A.1 | S | North America / USA | 11-MAR-2020 |
| hCoV-19/USA/WA-UW112/2020 | EPI\_ISL\_416650 | A.1 | S | North America / USA | 10-MAR-2020 |
| hCoV-19/USA/WA-UW111/2020 | EPI\_ISL\_416649 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW107/2020 | EPI\_ISL\_416645 | A.1 | O | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW106/2020 | EPI\_ISL\_416644 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW105/2020 | EPI\_ISL\_416643 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW103/2020 | EPI\_ISL\_416641 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW102/2020 | EPI\_ISL\_416640 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW101/2020 | EPI\_ISL\_416639 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW100/2020 | EPI\_ISL\_416638 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW99/2020 | EPI\_ISL\_416637 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW98/2020 | EPI\_ISL\_416636 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/USA/WA-UW97/2020 | EPI\_ISL\_416635 | A.1 | S | North America / USA / Washington | 12-MAR-2020 |
| hCoV-19/New Zealand/20VR0276/2020 | EPI\_ISL\_416539 | A | S | Oceania / New Zealand / Wellington | 15-MAR-2020 |
| hCoV-19/New Zealand/20VR0275/2020 | EPI\_ISL\_416538 | A.3 | S | Oceania / New Zealand / Wellington | 15-MAR-2020 |
| hCoV-19/Australia/VIC08/2020 | EPI\_ISL\_416514 | A.1 | S | Oceania / Australia / Victoria / Melbourne | 15-MAR-2020 |
| hCoV-19/Spain/Valencia8/2020 | EPI\_ISL\_416487 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 4-MAR-2020 |
| hCoV-19/Spain/Valencia6/2020 | EPI\_ISL\_416485 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 27-FEB-2020 |
| hCoV-19/Spain/Valencia5/2020 | EPI\_ISL\_416484 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 27-FEB-2020 |
| hCoV-19/Spain/Valencia4/2020 | EPI\_ISL\_416483 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 26-FEB-2020 |
| hCoV-19/Georgia/Tb-390/2020 | EPI\_ISL\_416477 | A.2 | S | Asia / Georgia / Tbilisi | 8-MAR-2020 |
| hCoV-19/Hangzhou/ZJU-08/2020 | EPI\_ISL\_416473 | A | S | Asia / China / Hangzhou | 26-JAN-2020 |
| hCoV-19/USA/WA-S11/2020 | EPI\_ISL\_416466 | A.1 | S | North America / USA / Washington / King County | 3-MAR-2020 |
| hCoV-19/USA/WA-S10/2020 | EPI\_ISL\_416465 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S7/2020 | EPI\_ISL\_416462 | A.1 | S | North America / USA / Washington | 24-FEB-2020 |
| hCoV-19/USA/WA-S6/2020 | EPI\_ISL\_416461 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-S5/2020 | EPI\_ISL\_416460 | A.1 | S | North America / USA / Washington / King County | 29-FEB-2020 |
| hCoV-19/USA/WA-UW39/2020 | EPI\_ISL\_416456 | A.1 | S | North America / USA / Washington | 6-MAR-2020 |
| hCoV-19/USA/WA-UW38/2020 | EPI\_ISL\_416455 | A.1 | S | North America / USA / Washington | 7-MAR-2020 |
| hCoV-19/USA/WA-UW37/2020 | EPI\_ISL\_416454 | A.1 | S | North America / USA / Washington | 6-MAR-2020 |
| hCoV-19/USA/WA-UW36/2020 | EPI\_ISL\_416453 | A.1 | O | North America / USA / Washington | 7-MAR-2020 |
| hCoV-19/USA/WA-UW95/2020 | EPI\_ISL\_416451 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW94/2020 | EPI\_ISL\_416450 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW92/2020 | EPI\_ISL\_416448 | A.1 | S | North America / USA / Washington | 11-MAR-2020 |
| hCoV-19/USA/WA-UW91/2020 | EPI\_ISL\_416447 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW90/2020 | EPI\_ISL\_416446 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW89/2020 | EPI\_ISL\_416445 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW88/2020 | EPI\_ISL\_416444 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW87/2020 | EPI\_ISL\_416443 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW86/2020 | EPI\_ISL\_416442 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW85/2020 | EPI\_ISL\_416441 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW84/2020 | EPI\_ISL\_416440 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW83/2020 | EPI\_ISL\_416439 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW81/2020 | EPI\_ISL\_416437 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW80/2020 | EPI\_ISL\_416436 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW79/2020 | EPI\_ISL\_416435 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW77/2020 | EPI\_ISL\_416433 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/Vietnam/CM99/2020 | EPI\_ISL\_416429 | A | S | Asia / Vietnam / Vinhphuc | 11-FEB-2020 |
| hCoV-19/Vietnam/38142/2020 | EPI\_ISL\_416427 | A | S | Asia / Vietnam / Thanhhoa | 24-JAN-2020 |
| hCoV-19/USA/CT-Yale-009/2020 | EPI\_ISL\_416423 | A.1 | S | North America / USA / Connecticut | 12-MAR-2020 |
| hCoV-19/USA/CT-Yale-007/2020 | EPI\_ISL\_416421 | A or A.1 | S | North America / USA / Connecticut | 13-MAR-2020 |
| hCoV-19/USA/CT-Yale-002/2020 | EPI\_ISL\_416417 | A.1 | S | North America / USA / Connecticut | 10-MAR-2020 |
| hCoV-19/Australia/VIC07/2020 | EPI\_ISL\_416415 | A | S | Oceania / Australia / Victoria / Melbourne | 8-FEB-2020 |
| hCoV-19/Australia/VIC05/2020 | EPI\_ISL\_416413 | A.1 | S | Oceania / Australia / Victoria / Melbourne | 5-MAR-2020 |
| hCoV-19/Shanghai/SH0128/2020 | EPI\_ISL\_416409 | A | S | Asia / China / Shanghai | 2-FEB-2020 |
| hCoV-19/Shanghai/SH0117/2020 | EPI\_ISL\_416403 | A | S | Asia / China / Shanghai | 2-FEB-2020 |
| hCoV-19/Shanghai/SH0115/2020 | EPI\_ISL\_416402 | A | S | Asia / China / Shanghai | 11-FEB-2020 |
| hCoV-19/Shanghai/SH0100/2020 | EPI\_ISL\_416392 | A | S | Asia / China / Shanghai | 2-FEB-2020 |
| hCoV-19/Shanghai/SH0079/2020 | EPI\_ISL\_416381 | A | S | Asia / China / Shanghai | 1-FEB-2020 |
| hCoV-19/Shanghai/SH0075/2020 | EPI\_ISL\_416378 | A | S | Asia / China / Shanghai | 30-JAN-2020 |
| hCoV-19/Shanghai/SH0074/2020 | EPI\_ISL\_416377 | A | S | Asia / China / Shanghai | 7-FEB-2020 |
| hCoV-19/Shanghai/SH0069/2020 | EPI\_ISL\_416372 | A | S | Asia / China / Shanghai | 1-FEB-2020 |
| hCoV-19/Shanghai/SH0065/2020 | EPI\_ISL\_416368 | A | S | Asia / China / Shanghai | 5-FEB-2020 |
| hCoV-19/Shanghai/SH0059/2020 | EPI\_ISL\_416366 | A | S | Asia / China / Shanghai | 30-JAN-2020 |
| hCoV-19/Shanghai/SH0049/2020 | EPI\_ISL\_416357 | A | S | Asia / China / Shanghai | 1-FEB-2020 |
| hCoV-19/Shanghai/SH0043/2020 | EPI\_ISL\_416352 | A | S | Asia / China / Shanghai | 30-JAN-2020 |

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| **Virus name** | **GISAID ID** | **Lineage** | **GISAID Clade** | **Location** | **Collection date** |
| --- | --- | --- | --- | --- | --- |
| hCoV-19/Shanghai/SH0041/2020 | EPI\_ISL\_416350 | A | S | Asia / China / Shanghai | 29-JAN-2020 |
| hCoV-19/Shanghai/SH0035/2020 | EPI\_ISL\_416344 | A | S | Asia / China / Shanghai | 30-JAN-2020 |
| hCoV-19/Shanghai/SH0034/2020 | EPI\_ISL\_416343 | A | S | Asia / China / Shanghai | 4-FEB-2020 |
| hCoV-19/Shanghai/SH0032/2020 | EPI\_ISL\_416341 | A | S | Asia / China / Shanghai | 1-FEB-2020 |
| hCoV-19/Shanghai/SH0030/2020 | EPI\_ISL\_416339 | A | S | Asia / China / Shanghai | 3-FEB-2020 |
| hCoV-19/Shanghai/SH0029/2020 | EPI\_ISL\_416338 | A | S | Asia / China / Shanghai | 1-FEB-2020 |
| hCoV-19/Shanghai/SH0026/2020 | EPI\_ISL\_416335 | A | S | Asia / China / Shanghai | 2-FEB-2020 |
| hCoV-19/Shanghai/SH0024/2020 | EPI\_ISL\_416333 | A | S | Asia / China / Shanghai | 30-JAN-2020 |
| hCoV-19/Shanghai/SH0021/2020 | EPI\_ISL\_416330 | A | S | Asia / China / Shanghai | 2-FEB-2020 |
| hCoV-19/Shanghai/SH0017/2020 | EPI\_ISL\_416328 | A | S | Asia / China / Shanghai | 1-FEB-2020 |
| hCoV-19/Shanghai/SH0013/2020 | EPI\_ISL\_416326 | A | S | Asia / China / Shanghai | 30-JAN-2020 |
| hCoV-19/Shanghai/SH0010/2020 | EPI\_ISL\_416323 | A | S | Asia / China / Shanghai | 29-JAN-2020 |
| hCoV-19/Shanghai/SH0009/2020 | EPI\_ISL\_416322 | A | S | Asia / China / Shanghai | 29-JAN-2020 |
| hCoV-19/Shanghai/SH0005/2020 | EPI\_ISL\_416319 | A | S | Asia / China / Shanghai | 28-JAN-2020 |
| hCoV-19/Shanghai/SH0004/2020 | EPI\_ISL\_416318 | A | S | Asia / China / Shanghai | 28-JAN-2020 |
| hCoV-19/Shanghai/SH0003/2020 | EPI\_ISL\_416317 | A | S | Asia / China / Shanghai | 25-JAN-2020 |
| hCoV-19/Shanghai/SH0002/2020 | EPI\_ISL\_416316 | A | S | Asia / China / Shanghai | 25-JAN-2020 |
| hCoV-19/Hangzhou/ZJU-02/2020 | EPI\_ISL\_416042 | A | S | Asia / China / Hangzhou | 26-JAN-2020 |
| hCoV-19/Chile/Santiago\_op4d1/2020 | EPI\_ISL\_415661 | A.2 | S | South America / Chile / Santiago | 8-MAR-2020 |
| hCoV-19/Chile/Santiago\_op3d1/2020 | EPI\_ISL\_415660 | A.2 | S | South America / Chile / Santiago | 7-MAR-2020 |
| hCoV-19/Chile/Santiago\_op2d1/2020 | EPI\_ISL\_415658 | A.2 | S | South America / Chile / Santiago | 6-MAR-2020 |
| hCoV-19/USA/WA-UW62/2020 | EPI\_ISL\_415627 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW61/2020 | EPI\_ISL\_415626 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW59/2020 | EPI\_ISL\_415624 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW57/2020 | EPI\_ISL\_415622 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW56/2020 | EPI\_ISL\_415621 | A.1 | S | North America / USA / Washington / Seattle | 9-MAR-2020 |
| hCoV-19/USA/WA-UW55/2020 | EPI\_ISL\_415620 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW54/2020 | EPI\_ISL\_415619 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW52/2020 | EPI\_ISL\_415617 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW51/2020 | EPI\_ISL\_415616 | A.1 | S | North America / USA / Washington | 8-MAR-2020 |
| hCoV-19/USA/WA-UW50/2020 | EPI\_ISL\_415615 | A.1 | S | North America / USA / Washington | 8-MAR-2020 |
| hCoV-19/USA/WA-UW49/2020 | EPI\_ISL\_415614 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW48/2020 | EPI\_ISL\_415613 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW47/2020 | EPI\_ISL\_415612 | A.1 | S | North America / USA / Washington / Seattle | 9-MAR-2020 |
| hCoV-19/USA/WA-UW46/2020 | EPI\_ISL\_415611 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW45/2020 | EPI\_ISL\_415610 | A.1 | O | North America / USA / Washington | 8-MAR-2020 |
| hCoV-19/USA/WA-UW44/2020 | EPI\_ISL\_415609 | A.1 | S | North America / USA / Washington | 8-MAR-2020 |
| hCoV-19/USA/WA-UW43/2020 | EPI\_ISL\_415608 | A.1 | S | North America / USA / Washington | 8-MAR-2020 |
| hCoV-19/USA/WA-UW42/2020 | EPI\_ISL\_415607 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW41/2020 | EPI\_ISL\_415606 | A.1 | S | North America / USA / Washington | 8-MAR-2020 |
| hCoV-19/USA/WA-UW40/2020 | EPI\_ISL\_415605 | A.1 | S | North America / USA / Washington | 5-MAR-2020 |
| hCoV-19/USA/WA-UW76/2020 | EPI\_ISL\_415604 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW75/2020 | EPI\_ISL\_415603 | A.1 | S | North America / USA / Washington / Seattle | 10-MAR-2020 |
| hCoV-19/USA/WA-UW74/2020 | EPI\_ISL\_415602 | A.1 | S | North America / USA / Washington / Seattle | 10-MAR-2020 |
| hCoV-19/USA/WA-UW72/2020 | EPI\_ISL\_415600 | A.1 | S | North America / USA | 9-MAR-2020 |
| hCoV-19/USA/WA-UW71/2020 | EPI\_ISL\_415599 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW70/2020 | EPI\_ISL\_415598 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW68/2020 | EPI\_ISL\_415596 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW67/2020 | EPI\_ISL\_415595 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW66/2020 | EPI\_ISL\_415594 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/USA/WA-UW64/2020 | EPI\_ISL\_415592 | A.1 | S | North America / USA / Washington | 9-MAR-2020 |
| hCoV-19/USA/WA-UW63/2020 | EPI\_ISL\_415591 | A.1 | S | North America / USA / Washington | 10-MAR-2020 |
| hCoV-19/Canada/BC\_83163/2020 | EPI\_ISL\_415589 | A.1 | S | North America / Canada / British Columbia | 5-MAR-2020 |
| hCoV-19/Canada/BC\_83109/2020 | EPI\_ISL\_415588 | A or A.1 | S | North America / Canada / British Columbia | 5-MAR-2020 |
| hCoV-19/Canada/BC\_64686/2020 | EPI\_ISL\_415586 | A.1 | S | North America / Canada / British Columbia | 5-MAR-2020 |
| hCoV-19/Canada/BC\_41851/2020 | EPI\_ISL\_415584 | A or A.1 | S | North America / Canada / British Columbia | 2-MAR-2020 |
| hCoV-19/USA/UT-04/2020 | EPI\_ISL\_415542 | A.1 | S | North America / USA / Utah | 13-MAR-2020 |
| hCoV-19/USA/UT-03/2020 | EPI\_ISL\_415541 | A.1 | S | North America / USA / Utah | 13-MAR-2020 |
| hCoV-19/Netherlands/Utrecht\_17/2020 | EPI\_ISL\_415526 | A | S | Europe / Netherlands / Utrecht | 10-MAR-2020 |
| hCoV-19/Netherlands/NoordBrabant\_46/2020 | EPI\_ISL\_415503 | A.2 | S | Europe / Netherlands / Noord Brabant | 11-MAR-2020 |
| hCoV-19/Netherlands/Gelderland\_1-2/2020 | EPI\_ISL\_415461 | A | S | Europe / Netherlands / Gelderland | 10-MAR-2020 |
| hCoV-19/USA/NY2-PV08100/2020 | EPI\_ISL\_415151 | A.2 | S | North America / USA / New York | 4-MAR-2020 |
| hCoV-19/Shandong/LY008-2/2020 | EPI\_ISL\_414941 | A | S | Asia / China / Shandong | 30-JAN-2020 |
| hCoV-19/Shandong/LY007-2/2020 | EPI\_ISL\_414940 | A | S | Asia / China / Shandong | 25-JAN-2020 |
| hCoV-19/Shandong/LY006-2/2020 | EPI\_ISL\_414939 | A | S | Asia / China / Shandong | 25-JAN-2020 |
| hCoV-19/Shandong/LY005-2/2020 | EPI\_ISL\_414938 | A | S | Asia / China / Shandong | 24-JAN-2020 |
| hCoV-19/Shandong/LY004-2/2020 | EPI\_ISL\_414937 | A | S | Asia / China / Shandong | 26-JAN-2020 |
| hCoV-19/Shandong/LY003-2/2020 | EPI\_ISL\_414936 | A | S | Asia / China / Shandong | 23-JAN-2020 |
| hCoV-19/Guangzhou/GZMU0048/2020 | EPI\_ISL\_414691 | A | S | Asia / China / Guangdong / Guangzhou | 25-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0047/2020 | EPI\_ISL\_414690 | A | S | Asia / China / Guangdong / Guangzhou | 25-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0044/2020 | EPI\_ISL\_414689 | A | S | Asia / China / Guangdong / Guangzhou | 25-FEB-2020 |
| hCoV-19/Guangzhou/GZMU0016/2020 | EPI\_ISL\_414663 | A | S | Asia / China / Guangdong / Guangzhou | 25-FEB-2020 |
| hCoV-19/France/GE1583/2020 | EPI\_ISL\_414623 | A.2 | S | Europe / France / Grand-Est / Strasbourg | 25-FEB-2020 |
| hCoV-19/USA/WA-UW35/2020 | EPI\_ISL\_414622 | A.1 | S | North America / USA / Washington / Seattle | 8-MAR-2020 |
| hCoV-19/USA/WA-UW34/2020 | EPI\_ISL\_414621 | A.1 | S | North America / USA / Washington | 7-MAR-2020 |
| hCoV-19/USA/WA-UW33/2020 | EPI\_ISL\_414620 | A.1 | O | North America / USA | 8-MAR-2020 |
| hCoV-19/USA/WA-UW32/2020 | EPI\_ISL\_414619 | A.1 | O | North America / USA | 7-MAR-2020 |
| hCoV-19/USA/WA-UW31/2020 | EPI\_ISL\_414618 | A.1 | S | North America / USA | 8-MAR-2020 |
| hCoV-19/USA/WA-UW30/2020 | EPI\_ISL\_414617 | A.1 | S | North America / USA | 8-MAR-2020 |
| hCoV-19/France/GE1583/2020 | EPI\_ISL\_414600 | A.2 | S | Europe / France / Grand-Est / Strasbourg | 26-FEB-2020 |
| hCoV-19/Spain/Valencia3/2020 | EPI\_ISL\_414598 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 5-MAR-2020 |
| hCoV-19/USA/WA-UW28/2020 | EPI\_ISL\_414597 | A.1 | S | North America / USA / Washington / Kirkland | 4-MAR-2020 |
| hCoV-19/USA/WA-UW27/2020 | EPI\_ISL\_414596 | A.1 | S | North America / USA / Washington / Kirkland | 4-MAR-2020 |
| hCoV-19/USA/WA-UW26/2020 | EPI\_ISL\_414595 | A.1 | S | North America / USA / Washington / Kirkland | 5-MAR-2020 |
| hCoV-19/USA/WA-UW24/2020 | EPI\_ISL\_414593 | A.1 | S | North America / USA / Washington / Kirkland | 5-MAR-2020 |
| hCoV-19/USA/WA-UW23/2020 | EPI\_ISL\_414592 | A.1 | S | North America / USA / Washington / Tacoma | 6-MAR-2020 |
| hCoV-19/USA/MN3-MDH3/2020 | EPI\_ISL\_414590 | A.1 | S | North America / USA / Minnesota | 9-MAR-2020 |
| hCoV-19/USA/MN1-MDH1/2020 | EPI\_ISL\_414588 | A.1 | S | North America / USA / Minnesota | 5-MAR-2020 |
| hCoV-19/Chile/Santiago-1/2020 | EPI\_ISL\_414579 | A.2 | S | South America / Chile / Santiago | 3-MAR-2020 |
| hCoV-19/Chile/Talca-2/2020 | EPI\_ISL\_414578 | A.5 | S | South America / Chile / Talca | 4-MAR-2020 |
| hCoV-19/Chile/Talca-1/2020 | EPI\_ISL\_414577 | A.5 | S | South America / Chile / Talca | 2-MAR-2020 |
| hCoV-19/Netherlands/Utrecht\_16/2020 | EPI\_ISL\_414555 | A | S | Europe / Netherlands / Utrecht | 8-MAR-2020 |
| hCoV-19/Germany/BavPat3/2020 | EPI\_ISL\_414521 | A | S | Europe / Germany / Munich | 2-MAR-2020 |
| hCoV-19/Spain/Valencia2/2020 | EPI\_ISL\_414496 | A.2 | S | Europe / Spain / Comunitat Valenciana / Valencia | 4-MAR-2020 |
| hCoV-19/USA/WA-UW21/2020 | EPI\_ISL\_414369 | A.1 | S | North America / USA / Washington | 5-MAR-2020 |
| hCoV-19/USA/WA-UW20/2020 | EPI\_ISL\_414368 | A.1 | S | North America / USA / Washington | 5-MAR-2020 |
| hCoV-19/USA/WA-UW19/2020 | EPI\_ISL\_414367 | A.1 | S | North America / USA / Washington | 5-MAR-2020 |
| hCoV-19/USA/WA-UW18/2020 | EPI\_ISL\_414366 | A.1 | S | North America / USA / Washington | 5-MAR-2020 |
| hCoV-19/USA/WA-UW17/2020 | EPI\_ISL\_414365 | A.1 | O | North America / USA / Washington | 6-MAR-2020 |
| hCoV-19/USA/WA-UW16/2020 | EPI\_ISL\_414364 | A.1 | O | North America / USA / Washington | 5-MAR-2020 |
| hCoV-19/USA/WA-UW15/2020 | EPI\_ISL\_414363 | A.1 | S | North America / USA / Washington | 4-MAR-2020 |
| hCoV-19/USA/CA-CDPH-UC11/2020 | EPI\_ISL\_413931 | A.1 | S | North America / USA / California / Grand Princess cruise ship | 5-MAR-2020 |
| hCoV-19/USA/CA-CDPH-UC9/2020 | EPI\_ISL\_413928 | A.1 | S | North America / USA / California / Grand Princess cruise ship | 5-MAR-2020 |
| hCoV-19/USA/CA-CDPH-UC8/2020 | EPI\_ISL\_413926 | A.1 | S | North America / USA / California / Grand Princess cruise ship | 5-MAR-2020 |
| hCoV-19/USA/CA-CDPH-UC7/2020 | EPI\_ISL\_413925 | A.1 | S | North America / USA / California / Grand Princess cruise ship | 5-MAR-2020 |
| hCoV-19/USA/CA-CDPH-UC6/2020 | EPI\_ISL\_413924 | A.1 | S | North America / USA / California / Grand Princess cruise ship | 5-MAR-2020 |
| hCoV-19/USA/CA-CDPH-UC5/2020 | EPI\_ISL\_413922 | A.1 | S | North America / USA / California / Grand Princess cruise ship | 5-MAR-2020 |
| hCoV-19/Guangdong/2020XN4291-P0038/2020 | EPI\_ISL\_413889 | A | S | Asia / China / Guangdong | 30-JAN-2020 |
| hCoV-19/Guangdong/GDSZ202015-P0019/2020 | EPI\_ISL\_413867 | A | S | Asia / China / Guangdong | 5-FEB-2020 |
| hCoV-19/Guangdong/GD2020086-P0021/2020 | EPI\_ISL\_413862 | A | S | Asia / China / Guangdong | 1-FEB-2020 |
| hCoV-19/Guangdong/2020XN4273-P0036/2020 | EPI\_ISL\_413860 | A | S | Asia / China / Guangdong | 30-JAN-2020 |
| hCoV-19/Guangdong/2020XN4276-P0037/2020 | EPI\_ISL\_413859 | A | S | Asia / China / Guangdong | 31-JAN-2020 |
| hCoV-19/Guangdong/2020XN4459-P0041/2020 | EPI\_ISL\_413858 | A | S | Asia / China / Guangdong | 30-JAN-2020 |
| hCoV-19/Guangdong/GD2020233-P0027/2020 | EPI\_ISL\_413856 | A | S | Asia / China / Guangdong | 7-FEB-2020 |
| hCoV-19/Guangdong/GD2020234-P0023/2020 | EPI\_ISL\_413855 | A | S | Asia / China / Guangdong | 7-FEB-2020 |
| hCoV-19/Guangdong/2020XN4475-P0042/2020 | EPI\_ISL\_413854 | A | S | Asia / China / Guangdong | 30-JAN-2020 |
| hCoV-19/Guangdong/2020XN4243-P0035/2020 | EPI\_ISL\_413853 | A | S | Asia / China / Guangdong | 30-JAN-2020 |
| hCoV-19/China/WF0029/2020 | EPI\_ISL\_413809 | A | S | Asia / China | FEB-2020 |
| hCoV-19/China/WF0028/2020 | EPI\_ISL\_413791 | A | S | Asia / China | FEB-2020 |
| hCoV-19/China/WF0026/2020 | EPI\_ISL\_413761 | A | S | Asia / China | FEB-2020 |
| hCoV-19/China/WF0021/2020 | EPI\_ISL\_413751 | A | S | Asia / China | FEB-2020 |
| hCoV-19/China/WF0020/2020 | EPI\_ISL\_413750 | A | S | Asia / China | FEB-2020 |
| hCoV-19/China/WF0019/2020 | EPI\_ISL\_413749 | A | S | Asia / China | FEB-2020 |
| hCoV-19/China/WF0018/2020 | EPI\_ISL\_413748 | A | S | Asia / China | FEB-2020 |
| hCoV-19/China/WF0016/2020 | EPI\_ISL\_413746 | A | S | Asia / China | FEB-2020 |
| hCoV-19/China/WF0015/2020 | EPI\_ISL\_413729 | A | S | Asia / China | FEB-2020 |
| hCoV-19/China/WF0014/2020 | EPI\_ISL\_413711 | A | S | Asia / China | FEB-2020 |
| hCoV-19/China/WF0012/2020 | EPI\_ISL\_413697 | A | S | Asia / China | FEB-2020 |
| hCoV-19/China/WF0001/2020 | EPI\_ISL\_413691 | A | S | Asia / China | JAN-2020 |
| hCoV-19/USA/WA18-UW14/2020 | EPI\_ISL\_413653 | A.1 | S | North America / USA / Washington | 5-MAR-2020 |
| hCoV-19/USA/WA17-UW13/2020 | EPI\_ISL\_413652 | A.1 | S | North America / USA / Washington | 5-MAR-2020 |
| hCoV-19/USA/WA16-UW12/2020 | EPI\_ISL\_413651 | A.1 | S | North America / USA / Washington | 5-MAR-2020 |
| hCoV-19/USA/WA15-UW11/2020 | EPI\_ISL\_413650 | A.1 | S | North America / USA / Washington | 5-MAR-2020 |
| hCoV-19/USA/WA14-UW10/2020 | EPI\_ISL\_413649 | A.1 | O | North America / USA / Washington | 5-MAR-2020 |
| hCoV-19/USA/WA13-UW9/2020 | EPI\_ISL\_413601 | A.1 | O | North America / USA / Washington | 2-MAR-2020 |
| hCoV-19/USA/WA12-UW8/2020 | EPI\_ISL\_413563 | A.1 | S | North America / USA / Washington | 3-MAR-2020 |
| hCoV-19/USA/WA11-UW7/2020 | EPI\_ISL\_413562 | A.1 | S | North America / USA / Washington | 2-MAR-2020 |
| hCoV-19/USA/WA-S3/2020 | EPI\_ISL\_413560 | A.1 | S | North America / USA / Washington | 28-FEB-2020 |
| hCoV-19/USA/CA-CDPH-UC1/2020 | EPI\_ISL\_413557 | A.1 | S | North America / USA / California / Sonoma County | 28-FEB-2020 |
| hCoV-19/India/1-31/2020 | EPI\_ISL\_413523 | A | S | Asia / India / Kerala | 31-JAN-2020 |
| hCoV-19/Beijing/235/2020 | EPI\_ISL\_413521 | A | S | Asia / China / Beijing | 28-JAN-2020 |
| hCoV-19/Beijing/233/2020 | EPI\_ISL\_413520 | A | S | Asia / China / Beijing | 28-JAN-2020 |
| hCoV-19/Beijing/231/2020 | EPI\_ISL\_413519 | A | S | Asia / China / Beijing | 28-JAN-2020 |
| hCoV-19/Beijing/105/2020 | EPI\_ISL\_413518 | A | S | Asia / China / Beijing | 26-JAN-2020 |
| hCoV-19/South Korea/KUMC06/2020 | EPI\_ISL\_413516 | A | S | Asia / South Korea | 27-FEB-2020 |
| hCoV-19/South Korea/KUMC05/2020 | EPI\_ISL\_413515 | A | S | Asia / South Korea | 27-FEB-2020 |
| hCoV-19/South Korea/KUMC04/2020 | EPI\_ISL\_413514 | A | S | Asia / South Korea | 27-FEB-2020 |
| hCoV-19/South Korea/KUMC03/2020 | EPI\_ISL\_413513 | A | S | Asia / South Korea | 27-FEB-2020 |
| hCoV-19/USA/WA9-UW6/2020 | EPI\_ISL\_413487 | A.1 | O | North America / USA / Washington | 1-MAR-2020 |
| hCoV-19/USA/WA8-UW5/2020 | EPI\_ISL\_413486 | A.1 | S | North America / USA / Washington | 1-MAR-2020 |
| hCoV-19/USA/WA7-UW4/2020 | EPI\_ISL\_413458 | A.1 | S | North America / USA / Washington | 1-MAR-2020 |
| hCoV-19/USA/WA6-UW3/2020 | EPI\_ISL\_413457 | A.1 | S | North America / USA / Washington | 29-FEB-2020 |
| hCoV-19/USA/WA-S2/2020 | EPI\_ISL\_413456 | A.1 | S | North America / USA / Washington / King County | 20-FEB-2020 |
| hCoV-19/USA/WA4-UW2/2020 | EPI\_ISL\_413455 | A.1 | S | North America / USA / Washington | 28-FEB-2020 |
| hCoV-19/South Korea/KUMC01/2020 | EPI\_ISL\_413017 | A | O | Asia / South Korea | 6-FEB-2020 |
| hCoV-19/Tianmen/HBCDC-HB-07/2020 | EPI\_ISL\_412983 | A | S | Asia / China / Hubei / Tianmen | 8-FEB-2020 |
| hCoV-19/Wuhan/HBCDC-HB-06/2020 | EPI\_ISL\_412982 | A | S | Asia / China / Hubei / Wuhan | 7-FEB-2020 |
| hCoV-19/Wuhan/HBCDC-HB-04/2020 | EPI\_ISL\_412980 | A | S | Asia / China / Hubei / Wuhan | 18-JAN-2020 |
| hCoV-19/Wuhan/HBCDC-HB-03/2020 | EPI\_ISL\_412979 | A | S | Asia / China / Hubei / Wuhan | 18-JAN-2020 |
| hCoV-19/Wuhan/HBCDC-HB-02/2020 | EPI\_ISL\_412978 | A | S | Asia / China / Hubei / Wuhan | 17-JAN-2020 |
| hCoV-19/USA/WA2/2020 | EPI\_ISL\_412970 | A.1 | S | North America / USA / Washington / Snohomish County | 24-FEB-2020 |
| hCoV-19/South Korea/KCDC24/2020 | EPI\_ISL\_412873 | A | S | Asia / South Korea / Chungcheongnam-do | 6-FEB-2020 |
| hCoV-19/South Korea/KCDC07/2020 | EPI\_ISL\_412871 | A | S | Asia / South Korea / Seoul | 31-JAN-2020 |
| hCoV-19/South Korea/KCDC06/2020 | EPI\_ISL\_412870 | A | S | Asia / South Korea / Seoul | 30-JAN-2020 |
| hCoV-19/South Korea/KCDC05/2020 | EPI\_ISL\_412869 | A | S | Asia / South Korea / Seoul | 30-JAN-2020 |
| hCoV-19/Hong Kong/VM20001061-2/2020 | EPI\_ISL\_412028 | A | S | Asia / Hong Kong | 22-JAN-2020 |
| hCoV-19/USA/TX1/2020 | EPI\_ISL\_411956 | A | S | North America / USA / Texas | 11-FEB-2020 |
| hCoV-19/USA/CA7/2020 | EPI\_ISL\_411954 | A | S | North America / USA / California | 6-FEB-2020 |
| hCoV-19/Taiwan/3/2020 | EPI\_ISL\_411926 | A | S | Asia / Taiwan / Taipei | 24-JAN-2020 |
| hCoV-19/Fujian/8/2020 | EPI\_ISL\_411060 | A | S | Asia / China / Fujian | 21-JAN-2020 |
| hCoV-19/Australia/QLD04/2020 | EPI\_ISL\_410718 | A | S | Oceania / Australia / Queensland / Gold Coast | 5-FEB-2020 |
| hCoV-19/Australia/QLD03/2020 | EPI\_ISL\_410717 | A | S | Oceania / Australia / Queensland / Gold Coast | 5-FEB-2020 |
| hCoV-19/Singapore/4/2020 | EPI\_ISL\_410535 | A | O | Asia / Singapore | 3-FEB-2020 |
| hCoV-19/USA/IL2/2020 | EPI\_ISL\_410045 | A or A.3 | S | North America / USA / Illinois | 28-JAN-2020 |
| hCoV-19/Vietnam/VR03-38142/2020 | EPI\_ISL\_408668 | A | S | Asia / Vietnam / Thanh Hoa | 24-JAN-2020 |
| hCoV-19/Japan/TY-WK-521/2020 | EPI\_ISL\_408667 | A | S | Asia / Japan / Tokyo | 31-JAN-2020 |
| hCoV-19/Japan/TY-WK-501/2020 | EPI\_ISL\_408666 | A | S | Asia / Japan / Tokyo | 31-JAN-2020 |
| hCoV-19/Japan/TY-WK-012/2020 | EPI\_ISL\_408665 | A | S | Asia / Japan / Tokyo | 29-JAN-2020 |
| hCoV-19/Taiwan/NTU01/2020 | EPI\_ISL\_408489 | A | S | Asia / Taiwan / Taipei | 31-JAN-2020 |
| hCoV-19/Beijing/IVDC-BJ-005/2020 | EPI\_ISL\_408485 | A | S | Asia / China / Beijing | 18-JAN-2020 |
| hCoV-19/Sichuan/IVDC-SC-001/2020 | EPI\_ISL\_408484 | A | S | Asia / China / Sichuan / Chengdu | 15-JAN-2020 |
| hCoV-19/Yunnan/IVDC-YN-003/2020 | EPI\_ISL\_408480 | A | S | Asia / China / Yunnan / Kunming | 17-JAN-2020 |
| hCoV-19/Chongqing/YC01/2020 | EPI\_ISL\_408478 | A | S | Asia / China / Chongqinq / Yongchuan | 21-JAN-2020 |
| hCoV-19/Belgium/GHB-03021/2020 | EPI\_ISL\_407976 | A | S | Europe / Belgium / Leuven | 3-FEB-2020 |
| hCoV-19/Australia/QLD02/2020 | EPI\_ISL\_407896 | A | S | Oceania / Australia / Queensland / Gold Coast | 30-JAN-2020 |
| hCoV-19/Australia/QLD01/2020 | EPI\_ISL\_407894 | A | S | Oceania / Australia / Queensland / Gold Coast | 28-JAN-2020 |
| hCoV-19/Australia/NSW01/2020 | EPI\_ISL\_407893 | A | S | Oceania / Australia / New South Wales / Sydney | 24-JAN-2020 |
| hCoV-19/USA/WA1-F6/2020 | EPI\_ISL\_407215 | A | S | North America / USA / Washington | 25-JAN-2020 |
| hCoV-19/USA/WA1-A12/2020 | EPI\_ISL\_407214 | A | S | North America / USA / Washington | 25-JAN-2020 |
| hCoV-19/South Korea/KCDC03/2020 | EPI\_ISL\_407193 | A | S | Asia / South Korea / Gyeonggi-do | 25-JAN-2020 |
| hCoV-19/England/02/2020 | EPI\_ISL\_407073 | A | S | Europe / United Kingdom / England | 29-JAN-2020 |
| hCoV-19/England/01/2020 | EPI\_ISL\_407071 | A | S | Europe / United Kingdom / England | 29-JAN-2020 |
| hCoV-19/Wuhan/WH04/2020 | EPI\_ISL\_406801 | A | S | Asia / China / Hubei / Wuhan | 5-JAN-2020 |
| hCoV-19/Shenzhen/SZTH-002/2020 | EPI\_ISL\_406593 | A | S | Asia / China / Guangdong / Shenzhen | 13-JAN-2020 |
| hCoV-19/USA/AZ1/2020 | EPI\_ISL\_406223 | A | S | North America / USA / Arizona / Phoenix | 22-JAN-2020 |
| hCoV-19/USA/CA1/2020 | EPI\_ISL\_406034 | A | S | North America / USA / California / Los Angeles | 23-JAN-2020 |
| hCoV-19/Shenzhen/HKU-SZ-002/2020 | EPI\_ISL\_406030 | A | S | Asia / China / Guangdong / Shenzhen | 10-JAN-2020 |
| hCoV-19/Shenzhen/HKU-SZ-005/2020 | EPI\_ISL\_405839 | A | S | Asia / China / Guangdong / Shenzhen | 11-JAN-2020 |
| hCoV-19/USA/WA1/2020 | EPI\_ISL\_404895 | A | S | North America / USA / Washington / Snohomish County | 19-JAN-2020 |
| hCoV-19/USA/IL1/2020 | EPI\_ISL\_404253 | B | O | North America / USA / Illinois / Chicago | 21-JAN-2020 |
| hCoV-19/Guangdong/20SF025/2020 | EPI\_ISL\_403935 | A | S | Asia / China / Guangdong / Shenzhen | 15-JAN-2020 |
| hCoV-19/Guangdong/20SF013/2020 | EPI\_ISL\_403933 | A | S | Asia / China / Guangdong / Shenzhen | 15-JAN-2020 |
| hCoV-19/Guangdong/20SF012/2020 | EPI\_ISL\_403932 | A | S | Asia / China / Guangdong / Shenzhen | 14-JAN-2020 |