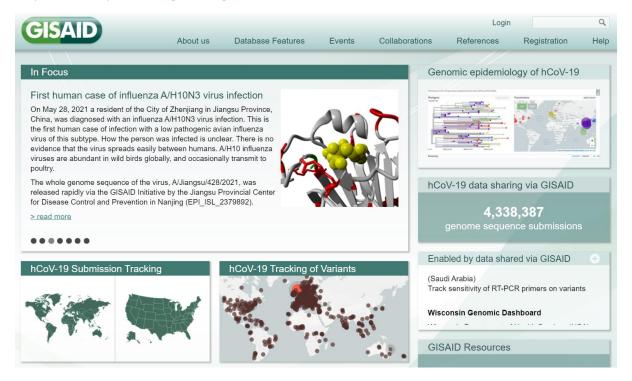
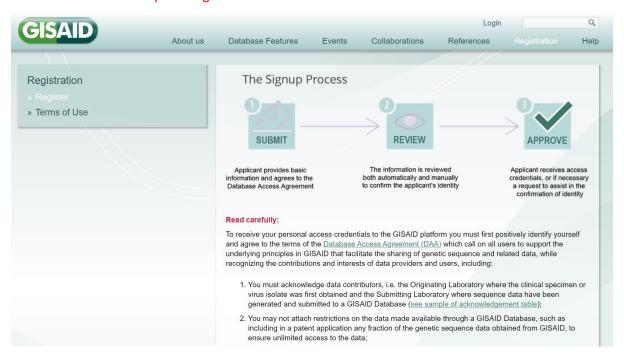
Instructions to Access to GISAID Database

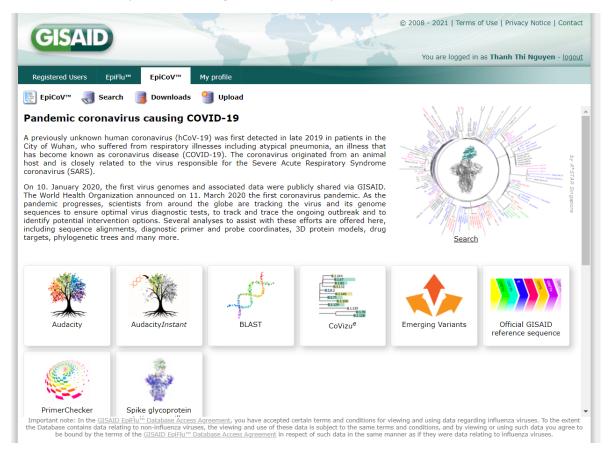
Step 1: Visit https://www.gisaid.org/



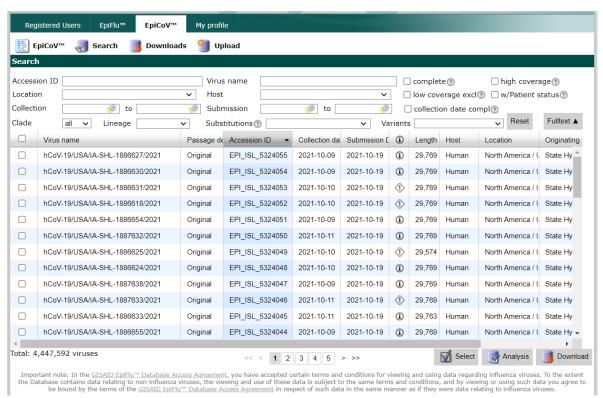
Step 2: You need to register before you can login. Your registration information will be reviewed, so it will take a while before you can get access credentials.



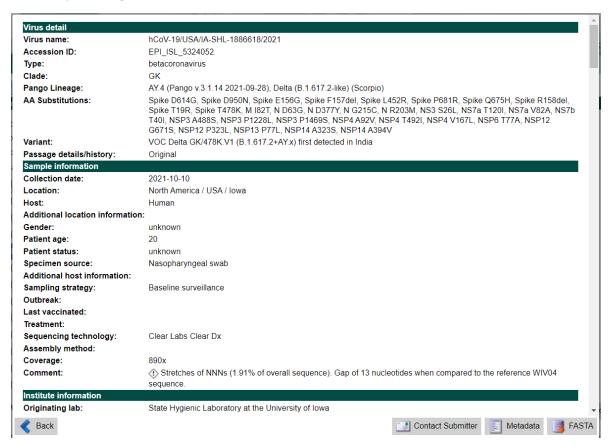
Step 3: After you login in, you will have the options to explore genomic sequences of Flu or CoV. You can select the Tab EpiCoV to investigate SARS CoV sequences.



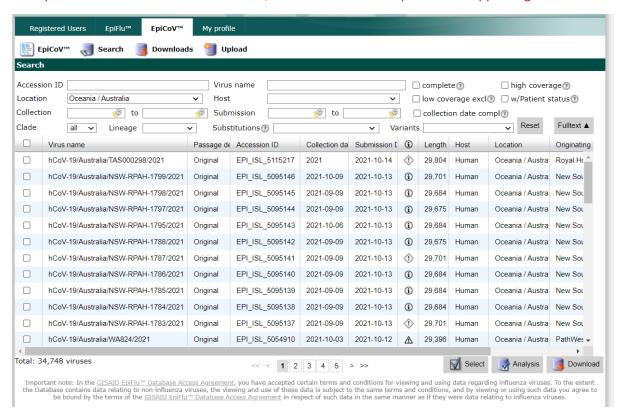
Step 4: You can select the Tab Search to search for genomic sequences based on different criteria. The sequences recently submitted to the database are shown on top by default.



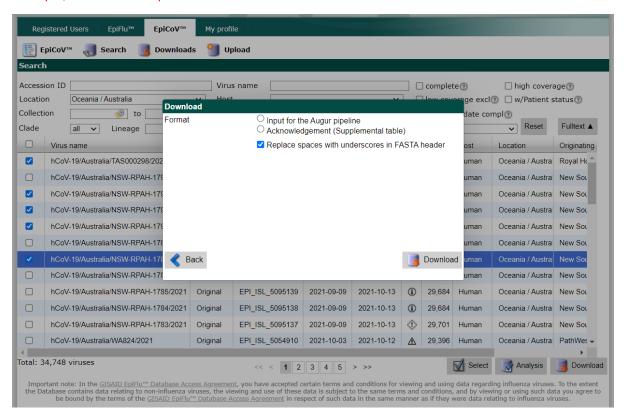
Step 5: If you click on any sequence, you will see all details of the virus, such as collection date, location, patient age, etc.



Step 6: Using Search criteria, e.g., if I select the Location Oceania/Australia, I will see the total number of sequences available in this location is 34,748. And the latest sequences are appearing in the screen:



Step 7: You can select the checkboxes corresponding to the sequences you want to download. For example, I selected 5 sequences and hit the Download button:



Step 8: After downloading, you will obtain a FASTA file containing the genomic sequences of the 5 viruses you selected. Each sequence is separated with others by its header, starting with symbol ">":

gisaid_hcov-19_2021_10_15_12 - Notepad

File Edit Format View Help

hCoV-19/Australia/NSW-RPAH-1787/2021|EPI ISL 5095141|2021-09-09 AGATCTGTTCTCTAAACGAACTTTAAAATCTGTGTGGCTGTCACTCGGCTGCATGCTTAGTGCACTCACGCAGTATAATT AATAACTAATTACTGTCGTTGACAGGACACGAGTAACTCGTCTATCTTCTGCAGGCTGCTTACGGTTTCGTCCGTTTTTGC AGCCGATCATCAGCACATCTAGGTTTTGTCCGGGTGTGACCGAAAGGTAAGATGGAGAGCCTTGTCCCTGGTTTCAACGA GAAAACACACGTCCAACTCAGTTTGCCTGTTTTACAGGTTCGCGACGTGCTCGTACGTGGCTTTGGAGACTCCGTGGAGG AGGTCTTATCAGAGGCACGTCAACATCTTAAAGATGGCACTTGTGGCTTAGTAGAAGATTGAAAAAGGCGTTTTGCCTCAA CTTGAACAGCCCTATGTGTTCATCAAACGTTCGGATGCTCGAACTGCACCTCATGGTCATGTTATGGTTGAGCTGGTAGC AGAACTCGAAGGCATTCAGTACGGTCGTAGTGGTGAGACACTTGGTGTCCCTCATGTGGGCGAAATACCAGTGG CTTACCGCAAGGTTCTTCTTCGTAAGAACGGTAATAAAGGAGCTGGTGGCCATAGTTACGGCGCCGATCTAAAGTCATTT GACTTAGGCGACGAGCTTGGCACTGATCCTTATGAAGATTTTCAAGAAAACTGGAACACTAAACATAGCAGTGGTGTTAC CCGTGAACTCATGCGTGAGCTTAACGGAGGGGCATACACTCGCTATGTCGATAACAACTTCTGTGGCCCTGATGGCTACC CTCTTGAGTGCATTAAAGACCTTCTAGCACGTGCTGGTAAAGCTTCATGCACTTTGTCCGAACAACTGGACTTTATTGAC ACTAAGAGGGGTGTATACTGCTGCCGTGAACATGAGCATGAAATTGCTTGGTACACGGAACGTTCTGAAAAGAGCTATGA ATTGCAGACACCTTTTGAAATTAAATTGGCAAAGAAATTTGACACCTTCAATGGGGAATGTCCAAATTTTGTATTTCCCT TAAATTCCATAATCAAGACTATTCAACCAAGGGTTGAAAAGAAAAAGCTTGATGGCTTTATGGGTAGAATTCGATCTGTC TATCCAGTTGCGTCACCAAATGAATGCAACCAAATGTGCCTTTCAACTCTCATGAAGTGTGATCATTGTGGTGAAACTTC ATGGCAGACGGCGATTTTGTTAAAGCCACTTGCGAATTTTGTGGCACTGAGAATTTTGACTAAAGAAGGTGCCACTACTT GTGGTTACTTACCCCAAAATGCTGTTGTTAAAATTTATTGTCCAGCATGTCACAATTCAGAAGTAGGACCTGAGCATAGT CTTGCCGAATACCATAATGAATCTGGCTTGAAAACCATTCTTCGTAAGGGTGGTCGCACTATTGCCTTTGGAGGCTGTGT GTTCTCTTATGTTGGCTTGCCATAACAAGTGTGCCTATTGGGTTCCACGTGCTAGCGCTAACATAGGTTGTAACCATACAG GTGTTGTTGGAGAAGGTTCCGAAGGTCTTAATGACAACCTTCTTGAAATACTCCAAAAAGGAGAAAGTCAACATCAATATT GTTGGTGACTTTAAACTTAATGAAGAGATCGCCATTATTTTGGCATCTTTTTCTGCTTCCACAAGTGCTTTTGTGGAAAC TGTGAAAGGTTTGGATTATAAAGCATTCAAACAAATTGTTGAATCCTGTGGTAATTTTAAAGTTACAAAAGGAAAAGCTA AAAAAGGTGCCTGGAATATTGGTGAACAGAAATCAATACTGAGTCCTCTTTATGCATTTGCATCAGAGGCTGCTCGTGTT