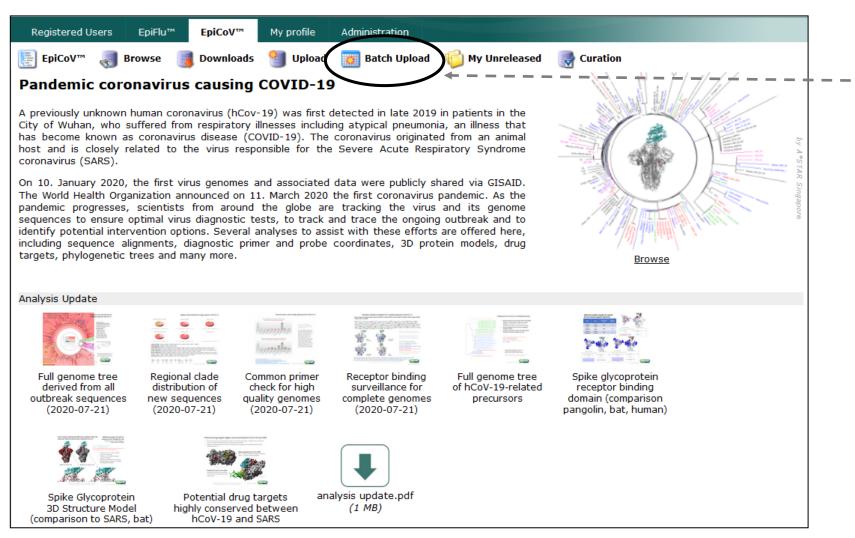
# GISAID EpiCoV<sup>™</sup> Data Batch Upload Instructions

1. Under the EpiCoV<sup>™</sup> tab select Batch Upload



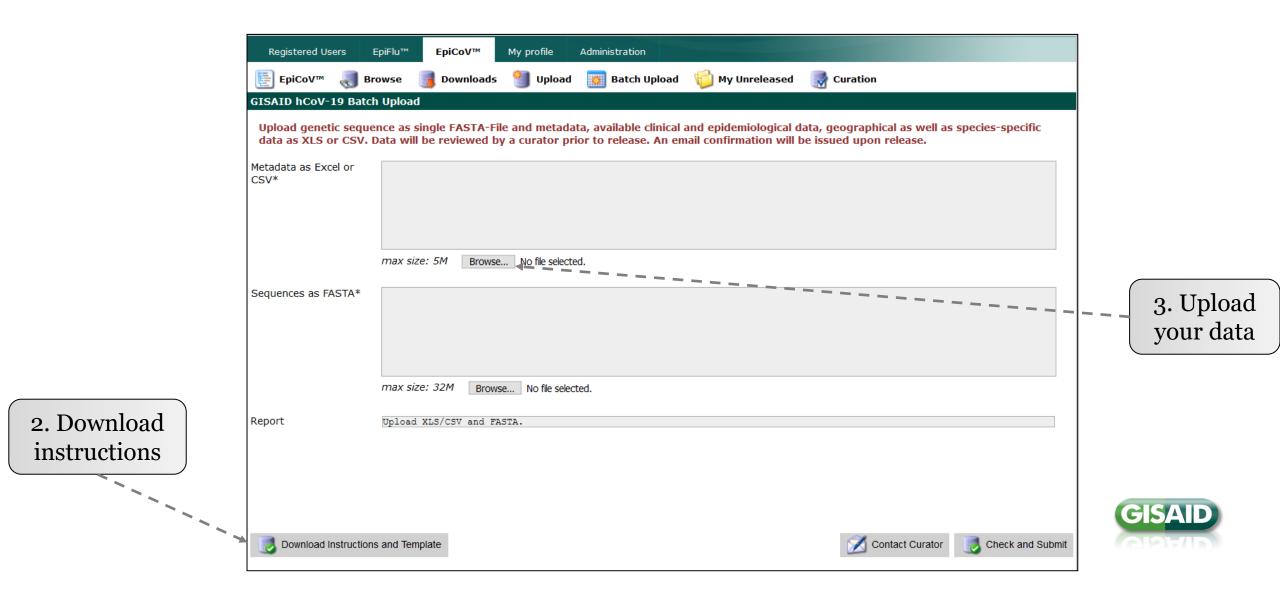


1.Batch

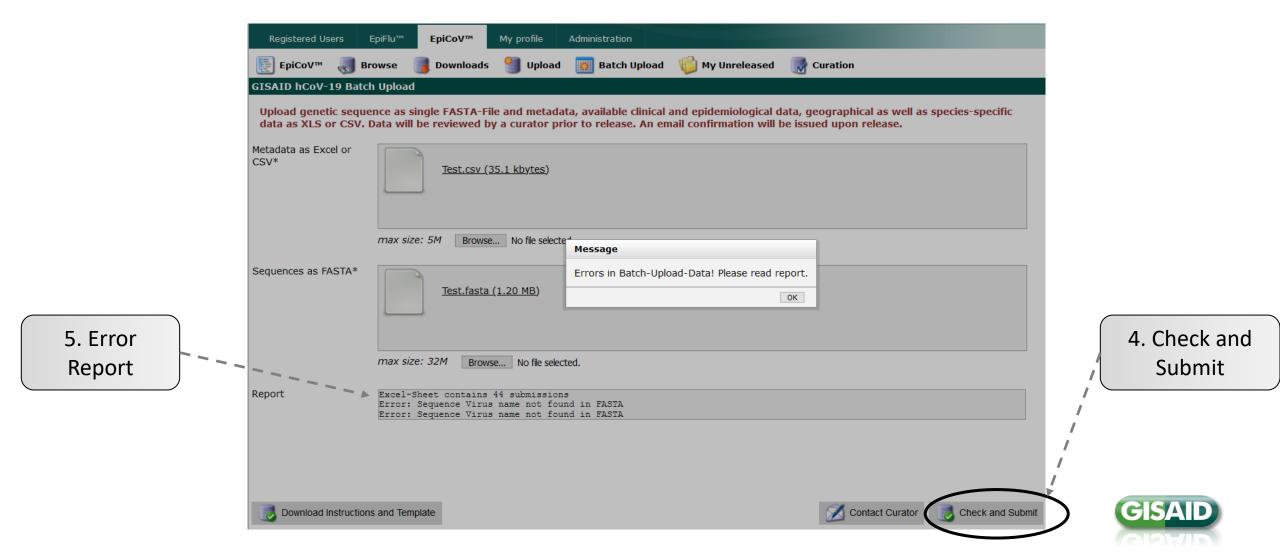
Upload

In case you are unable to see the 'Batch Upload' button, please re-login or refresh

- 2. Click on "Download Instructions and Template" for details on the bulk upload submission template and instructions.
- 3. Complete the Metadata information in the XLS/CSV file and ensure all entries have the associated FASTA sequences in the FASTA file Upload your "XLS/CSV" file and "FASTA" file using Browse.



- 4. Click on "Check and Submit" to verify your submission and submit to the EpiCoV Curation Team. If virus name in both XLS/CSV and FASTA file matches and the required fields are filled out in a correct format, a confirmation message will appear.
- 5. If errors appear at the *Report* section (as shown below), check next slide for resolving the issues. If errors are persistent, please use the option **Contact curator** option, mention the errors and we will help you resolve them (located beside "check and Submit").



### **Common Error Messages during batch upload**

Error Message	Info	Solution
Submission XXX is not unique in FASTA	A duplicate dataset of one and the same virus has been detected, i.e. a copy of the same sequence.	Remove one of the sequences from the FASTA file.
Sequence XXX not found in FASTA	The Sequence XXX is missing in the submitted FASTA-File, e.g. a typo the FASTA-header.	Add the missing Sequence with correct FASTA-Header to the FASTA-File
Please use correct Excel-Template	You did not submit an Excel-Sheet that is based on the GISAID hCoV Batch Upload Template.	Use the GISAID hCoV Batch Upload Template.
Column XXX is missing	first line of the Excel-Sheet.	Use the GISAID hCoV Batch Upload Template without modification.
Mandatory value YYY for XXX is missing		Fill in all mandatory columns marked in red. Use "unkown" if no value is available.
Submission XXX already exists	The virus-name you are trying to submit already exists in the system – released or in curation. Maybe you try to resubmit an already submitted Batch-Upload.	Use a new virus-name.
Unknown Submitter YYY for XXX		Ensure the Submitter column matches the
	known to the system.	GISAID Username
Submitter YYY not allowed for XXX	As a submitter you can only submit viruses for yourself.	Use your username as submitter.
Virus name XXX format	The Virus-Name in the Excel-Sheet has a wrong format.	Please respect the Format of the Virus-Name in the Excel- Sheet.
Virus name XXX contains invalid letters	like Accents and Umlauts	Replace all Accents, Umlauts and other special Characters with Standart letters.
Comment / Comment type not allowed	You must leave the Column Comment and Comment Type empty. They are for curators only.	Leave the Column Comment and Comment Type empty.
Collection date XXX format	The Date-Format of the Submission is wrong.	Accepted Date Formats are: YYYY-MM-DD or YYYY-MM or YYYY. Format the Collection date as "Text" not as "Date".
Only type 'betacoronavirus' allowed	The value of the Type-Column must be "betacoronavirus"	Fill in "betacoronavirus" as Type

#### More details on GISAID EpiCoV CSV-Batch-Import:

- We also provide the Comma-Separated-Values (CSV) batch import option for our batch submitters. You can import a programmatically generated CSV-file or a text file saved as CSV-file, into the GISAID curation-space using the web-interface.
- A separate FASTA-File is needed for the sequences.
- While uploading the CSV-File it gets automatically converted into the Excel-Template-File. Use this Excel-File when downloading, editing and re-uploading the metadata again in case of any changes.

### CSV-Format specification:

- File-Extension: .csv
- File-Encoding: UTF-8
- Line-Endings: CR/LF or LF
- Field-Separator: , (comma)
- String-Delimiter: " (double quotes)
- The first line of file is a header
- For comma separated list of GISAID-internal field-names (see example on next page)
- Same rules for mandatory fields as in the XLS template
- Maximum file size: 1000 submissions

## Example of csv file:

```
submitter, fn, covv_virus_name, covv_type, covv_passage, covv_collection_date, covv_location, covv_a dd_location, covv_host, covv_add_host_info, covv_gender, covv_patient_age, covv_patient_status, cov v_specimen, covv_outbreak, covv_last_vaccinated, covv_treatment, covv_seq_technology, covv_assembly_method, covv_coverage, covv_orig_lab, covv_orig_lab_addr, covv_provider_sample_id, covv_subm_lab_, covv_subm_lab_addr, covv_subm_sample_id, covv_authors
lanman, 20200629.gisaid.fa, hCoV-19/England/07/2020, betacoronavirus, Original, 2020-03-24, United Kingdom / England, Human, unknown, University, "Institute of Microbiology and Infection, University-Street, UK", BIRM-5E407, COVID-19 Genomics UK (COG-UK) Consortium, United Kingdom, LON-07, "Jane Doe, John Doe"
```

To use commas as part of your entries, please use quotes as shown above for "covv\_orig\_lab" and "covv\_authors" columns (header is mandatory and should be in the same format).