


Oct 26, 2021

(NANOPORE MENU) Protocols for SARS-CoV-2 Bioinformatic Analysis and Database Submission

 (NANOPORE MENU) Protocols for SARS-CoV-2 Library Prep with ARTIC Primers, Bioinformatic Analysis, and Database Submission

Technical Outreach and Assistance for States Team¹

¹Centers for Disease Control and Prevention



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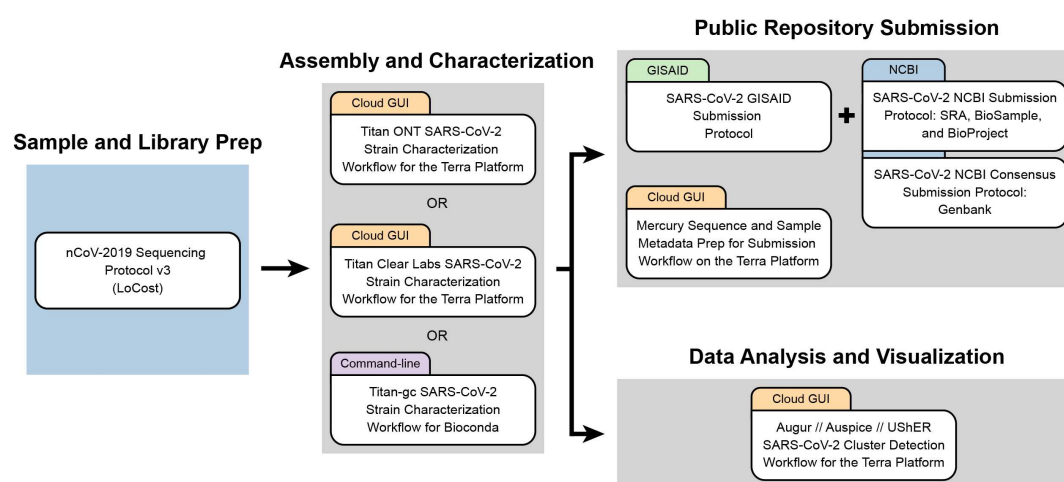


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This collection of protocols covers library preparation and sequencing on Oxford Nanopore platforms as well as bioinformatic analysis and submission of SARS-CoV-2 data. These protocols have been assembled by the Technical Outreach and Assistance for States Team (TOAST) and the Office of Advanced Molecular Detection (OAMD) at the Centers for Disease Control and Prevention for use by participating State, Tribal, Local and Territorial labs for sequencing of SARS-CoV-2. Individual protocols were developed by the protocol authors, and individual protocols should be credited accordingly.

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<https://protocols.io/view/nanopore-menu-protocols-for-sars-cov-2-bioinforma-bzcpp2vn>

(NANOPORE MENU) Protocols for SARS-CoV-2 Library Prep with ARTIC Primers, Bioinformatic Analysis, and Database Submission, Technical Outreach and Assistance for States Team

SARS-CoV-2, COVID-19, sequencing, bioinformatics, Oxford Nanopore, Minion, Gridion, Clear Labs

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Oct 21, 2021

Oct 26, 2021

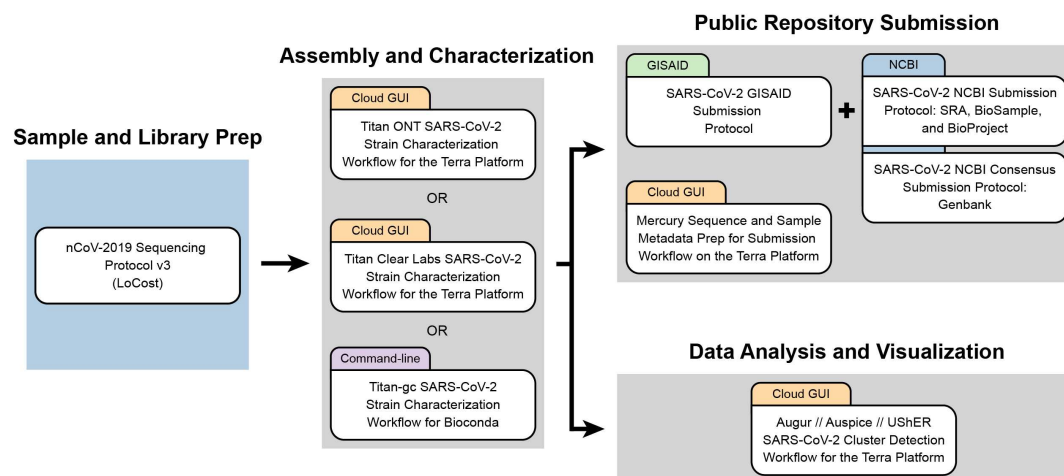
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FILES



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Titan ONT SARS-CoV-2 Strain Characterization Workflow for the Terra Platform
Version 2
by Technical Outreach and Assistance for States Team, Centers for Disease Control and Prevention
- 




Titan Clear Labs SARS-CoV-2 Strain Characterization Workflow for the Terra Platform
Version 2
by Frank Ambrosio
- 


Titan-gc SARS-CoV-2 Strain Characterization Workflow for Bioconda
Version 3
by Michael Weigand, Centers for Disease Control and Prevention
- 


Mercury Sequence and Sample Metadata Prep for Submission Workflow on the Terra Platform
Version 3
by Technical Outreach and Assistance for States Team, Centers for Disease Control and Prevention
- 


SARS-CoV-2 NCBI submission protocol: SRA, BioSample, and BioProject
Version 3
by Ruth Timme, US Food and Drug Administration
- 


SARS-CoV-2 NCBI consensus submission protocol: GenBank
Version 2
by Ruth Timme, US Food and Drug Administration
- 


SARS-CoV2 GISAID submission protocol
Version 3
by Nabil-Fareed Alikhan, Quadram Institute Bioscience
- 


Augur/Auspice/UShER SARS-CoV-2 Cluster Detection Workflow for the Terra Platform
Version 4
by Anusha Ginni