



## Recent Selected Publications on SARS-CoV-2 by EVBC Members

Accommodating individual travel history and unsampled diversity in Bayesian phylogeographic inference of SARS-CoV-2. Now published in *Nat Commun* [10.1038/s41467-020-18877-9](https://doi.org/10.1038/s41467-020-18877-9)

Experimental Infection of Cattle with SARS-CoV-2. Now published in *Emerg Infect Dis* [10.3201/eid2612.203799](https://doi.org/10.3201/eid2612.203799)

Susceptibility of Raccoon Dogs for Experimental SARS-CoV-2 Infection. Now published in *Emerg Infect Dis* [10.3201/eid2612.203733](https://doi.org/10.3201/eid2612.203733)

Physiologic RNA Targets and Refined Sequence Specificity of Coronavirus EndoU. *RNA* [10.1261/rna.076604.120](https://doi.org/10.1261/rna.076604.120)

### Reviews

Coronavirus biology and replication: implications for SARS-CoV-2. *Nat Rev Microbiol* [10.1038/s41579-020-00468-6](https://doi.org/10.1038/s41579-020-00468-6)

Updated guidance on the management of COVID-19: from an American Thoracic Society/European Respiratory Society coordinated International Task Force (29 July 2020). *Eur Respir Rev* [10.1183/16000617.0287-2020](https://doi.org/10.1183/16000617.0287-2020)

Pasteurization Inactivates SARS-CoV-2 Spiked Breast Milk. Now published in *Pediatrics* [10.1542/peds.2020-031690](https://doi.org/10.1542/peds.2020-031690)

### Preprints

Head-to-head comparison of SARS-CoV-2 antigen-detecting rapid test with self-collected anterior nasal swab versus professional-collected nasopharyngeal swab. *medRxiv* [10.1101/2020.10.26.20219600](https://doi.org/10.1101/2020.10.26.20219600)

Large scale sequencing of SARS-CoV-2 genomes from one region allows detailed epidemiology and enables local outbreak management. *medRxiv* [10.1101/2020.09.28.20201475](https://doi.org/10.1101/2020.09.28.20201475)

Structural basis of ribosomal frameshifting during translation of the SARS-CoV-2 RNA genome. *bioRxiv* [10.1101/2020.10.26.355099](https://doi.org/10.1101/2020.10.26.355099)

3D reconstruction of SARS-CoV-2 infection in ferrets emphasizes focal infection pattern in the upper respiratory tract. *bioRxiv* [10.1101/2020.10.17.339051](https://doi.org/10.1101/2020.10.17.339051)

Distinct Phenotypes of SARS-CoV-2 Isolates Reveal Viral Traits Critical for Replication in Primary Human Respiratory Cells. *bioRxiv* [10.1101/2020.10.22.350207](https://doi.org/10.1101/2020.10.22.350207)

Integrated Single-Cell Atlases Reveal an Oral SARS-CoV-2 Infection and Transmission Axis. *medRxiv* [10.1101/2020.10.26.20219089](https://doi.org/10.1101/2020.10.26.20219089)

Within-patient genetic diversity of SARS-CoV-2. *bioRxiv* [10.1101/2020.10.12.335919](https://doi.org/10.1101/2020.10.12.335919)

Alternate primers for whole-genome SARS-CoV-2 sequencing. *bioRxiv* [10.1101/2020.10.12.335513](https://doi.org/10.1101/2020.10.12.335513)

For more frequent updates on SARS-CoV-2 publications, please follow us on Twitter [🐦 EVirusBioinfC](https://twitter.com/EVirusBioinfC) or check our [publications website](#).

## SARS-CoV-2 Bioinformatics Tools and Resources

We are curating a list of [bioinformatics tools specifically for coronaviruses](#). Please let us know about the tools you have developed to advance the field.

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## Events

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