

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

[outbreak.info](#)

RRID:SCR_018282

Type: Tool

Proper Citation

outbreak.info (RRID:SCR_018282)

Resource Information

URL: <https://outbreak.info/>

Proper Citation: outbreak.info (RRID:SCR_018282)

Description: Resource to aggregate all outbreak information into single location during outbreaks of emerging diseases, such as COVID-19.

Resource Type: portal, data or information resource, topical portal

Keywords: COVID-19 data collection, single location, outbreak information, emerging disease

Related Condition: COVID-19

Funding: NIAID

Availability: Free, Freely available

Resource Name: outbreak.info

Resource ID: SCR_018282

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260810T040731+0000

Ratings and Alerts

No rating or validation information has been found for outbreak.info.

No alerts have been found for outbreak.info.

Data and Source Information

Usage and Citation Metrics

We found 155 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Zhang Y, et al. (2026) A Viral Mutation Profiling and Discovery Strategy for Sensitive Multiplex Detection of Viruses and Variants in Saliva by Proteomics. *bioRxiv : the preprint server for biology*.

Sutta A, et al. (2026) Collectin-11, a complement pattern recognition molecule, mediates pulmonary SARS-CoV-2 neutralization and protection. *PLoS pathogens*, 22(5), e1014216.

Ma Y, et al. (2026) A cocktail of SARS-CoV-2 S stem helix domain and receptor binding domain human monoclonal antibodies prevents the emergence of viral escape mutants. *Microbiology spectrum*, 14(6), e0000626.

Suntronwong N, et al. (2025) Neutralization of omicron subvariants and antigenic cartography following multiple COVID 19 vaccinations and repeated omicron non JN.1 or JN.1 infections. *Scientific reports*, 15(1), 1454.

de Ávila AI, et al. (2025) SARS-CoV-2 biological clones are genetically heterogeneous and include clade-discordant residues. *Journal of virology*, 99(5), e0225024.

Berkell M, et al. (2025) Quasi-species prevalence and clinical impact of evolving SARS-CoV-2 lineages in European COVID-19 cohorts, January 2020 to February 2022. *Euro surveillance : bulletin Europeen sur les maladies transmissibles = European communicable disease bulletin*, 30(10).

Ma Y, et al. (2025) Analysis of the Relationship Between the Charge Increment of the SARS-CoV-2 Spike Protein and Evolution. *Viruses*, 17(11).

Liu X, et al. (2025) Generative prediction of real-world prevalent SARS-CoV-2 mutation with in silico virus evolution. *Briefings in bioinformatics*, 26(3).

Wu J, et al. (2025) SGV-caller: SARS-CoV-2 genome variation caller. *Heliyon*, 11(4), e42613.

Carrier A, et al. (2025) Gut microbiota: a new factor modulating the immunizing potential of viral and cancer vaccines. *Research square*.

Yuan M, et al. (2025) Structural Immunology of SARS-CoV-2. *Immunological reviews*, 329(1), e13431.

Giombini E, et al. (2025) JN.1 variants circulating in Italy from October 2023 to April 2024: genetic diversity and immune recognition. *BMC infectious diseases*, 25(1), 291.

Ma Y, et al. (2025) A cocktail of SARS-CoV-2 spike stem helix domain and receptor binding domain human monoclonal antibodies prevent the emerge of viral escape

mutants. bioRxiv : the preprint server for biology.

Jin Q, et al. (2025) Increased pathogenicity and transmission of SARS-CoV-2 Omicron XBB.1.9 subvariants, including HK.3 and EG.5.1, relative to BA.2. *Journal of virology*, 99(12), e0134225.

Spagnolo F, et al. (2025) Dataset of SARS-CoV-2 spike protein receptor binding domain variants in complex with antigen-binding fragments targeting COVID-19 vaccine-referenced variants. *Data in brief*, 58, 111291.

Daroch N, et al. (2025) Respiratory virus infection dynamics and genomic surveillance to detect seasonal influenza subtypes in wastewater: A longitudinal study in Bengaluru, India. *PLOS global public health*, 5(9), e0004640.

Zhang X, et al. (2024) CovEpiAb: a comprehensive database and analysis resource for immune epitopes and antibodies of human coronaviruses. *Briefings in bioinformatics*, 25(3).

Li K, et al. (2024) Genome-wide association study between SARS-CoV-2 single nucleotide polymorphisms and virus copies during infections. *PLoS computational biology*, 20(9), e1012469.

Walmsley S, et al. (2024) Declining Levels of Neutralizing Antibodies to SARS-CoV-2 Omicron Variants Are Enhanced by Hybrid Immunity and Original/Omicron Bivalent Vaccination. *Vaccines*, 12(6).

Aßmann E, et al. (2024) Impact of reference design on estimating SARS-CoV-2 lineage abundances from wastewater sequencing data. *GigaScience*, 13.