

Resource Summary Report

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Augur

RRID:SCR_023964

Type: Tool

Proper Citation

Augur (RRID:SCR_023964)

Resource Information

URL: <https://github.com/nextstrain/augur>

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Description: Software package to track evolution from sequence and serological data. Provides collection of commands which are designed to be composable into larger processing pipelines.

Synonyms: augur

Resource Type: software toolkit, software resource

Keywords: track evolution, sequence, serological data.

Availability: Free, Available for download, Freely available

Resource Name: Augur

Resource ID: SCR_023964

Alternate URLs: <https://sources.debian.org/src/augur/>,
<https://docs.nextstrain.org/projects/augur/en/stable/>

License: GNU Affero General Public License

Record Creation Time: 20230824T050210+0000

Record Last Update: 20260729T044559+0000

Ratings and Alerts

No rating or validation information has been found for Augur.

No alerts have been found for Augur.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 67 mentions in open access literature.

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

Hua L, et al. (2026) Myeloid-Derived CD38 Mediates Age-Related Endometrial Aging Through NAD⁺ Depletion. *Aging cell*, 25(1), e70356.

Gnimadi TAC, et al. (2025) Genetic Diversity and Spatiotemporal Distribution of SARS-CoV-2 Variants in Guinea: A Meta-Analysis of Sequence Data (2020-2023). *Viruses*, 17(2).

Akin E, et al. (2025) In-vitro characterization of 2019-24 Influenza B Viruses reveals increased temperature-dependent fitness in later timepoints independent of antigenic drift. *medRxiv : the preprint server for health sciences*.

Pereira JS, et al. (2025) Unravelling dengue serotype 3 transmission in Brazil: evidence for multiple introductions of the 3III_B.3.2 lineage. *Virus evolution*, 11(1), veaf034.

Mbaye A, et al. (2025) Genomic and epidemiological analysis of SARS-CoV-2 variants isolated in Guinea: a routine sequencing implementation. *BMC infectious diseases*, 25(1), 3.

You JP, et al. (2025) Single nucleus RNA-seq reveals the process from onset to chronic kidney disease in IgA nephropathy. *Scientific reports*, 15(1), 22780.

Lail AJ, et al. (2025) Amplicon sequencing of pasteurized retail dairy enables genomic surveillance of H5N1 avian influenza virus in United States cattle. *PloS one*, 20(6), e0325203.

Johnston CM, et al. (2025) Characterization of a MERS-related betacoronavirus in Danish brown long-eared bats (*Plecotus auritus*). *Virology journal*, 22(1), 283.

Xu D, et al. (2025) Spatially resolved single-cell transcriptome analysis of murine *Salmonella* infection reveals the role of distal colonocytes in the inflammatory response. *Gut microbes*, 17(1), 2579909.

Kaplan HS, et al. (2025) Sensory input, sex and function shape hypothalamic cell type development. *Nature*.

Hossain M, et al. (2025) Complete genome sequence of dengue virus serotype 2 obtained from Chattogram, Bangladesh. *Microbiology resource announcements*, 14(5), e0002325.

Xu B, et al. (2025) Fiber-type vulnerability and proteostasis reprogramming in skeletal muscle during pancreatic cancer cachexia. *bioRxiv : the preprint server for biology*.

Kistler K, et al. (2025) Seasonal Influenza Viruses Show Distinct Adaptive Dynamics During Growth in Chicken Eggs. *Molecular biology and evolution*, 42(10).

Olagoke O, et al. (2025) Whole-genome automated assembly pipeline for *Chlamydia trachomatis* strains from reference, in vitro and clinical samples using the integrated CtGAP pipeline. *NAR genomics and bioinformatics*, 7(1), lqae187.

Azbazdar ME, et al. (2025) Genetic Evolution of the Hemagglutinin Genes of Seasonal Influenza A Viruses in Türkiye Between 2017 and 2023. *Influenza and other respiratory viruses*, 19(7), e70134.

Hou X, et al. (2025) Single-cell transcriptome integrated with genome-wide association study reveals heterogeneity of carotid and femoral plaques and its association with plaque stability. *Scientific reports*, 15(1), 11812.

Jiang L, et al. (2025) The Key Role of COA6 in Pancreatic Ductal Adenocarcinoma: Metabolic Reprogramming and Regulation of the Immune Microenvironment. *Journal of cellular and molecular medicine*, 29(13), e70685.

Lima ARJ, et al. (2025) Enterovirus D68 Subgenotype B3 Circulation in Children with Acute Respiratory Illness in the State of Alagoas, Brazil. *Viruses*, 17(2).

Shi F, et al. (2025) Lead binds HIF-1 α contributing to depression-like behaviour through modulating mitochondria-associated astrocyte ferroptosis. *Communications biology*, 8(1), 1342.

Zhao L, et al. (2025) Sympathetic nerve inhibition enhances calvarial bone repair via senescent macrophage-induced osteogenesis and angiogenesis. *Cell death discovery*, 11(1), 564.