

Resource Summary Report

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[pathogensurveillance](#)

RRID:SCR_028493

Type: Tool

Proper Citation

pathogensurveillance (RRID:SCR_028493)

Resource Information

URL: <https://nf-co.re/pathogensurveillance>

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Description: Software automated pipeline for population genomic analyses, pathogen identification, variant detection, and biosurveillance. The pipeline accepts paths to raw reads for one or more organisms and creates reports in the form of an interactive HTML document. Significant features include the ability to analyze unidentified eukaryotic and prokaryotic samples, creation of reports for multiple user-defined groupings of samples, automated discovery and downloading of reference assemblies from NCBI RefSeq, and initial identification based on k-mer sketches followed by multi gene phylogeny and SNP-based phylogeny.

Synonyms: PathogenSurveillance

Resource Type: software resource, software toolkit, source code

Defining Citation: [DOI:10.1101/2025.10.31.685798](https://doi.org/10.1101/2025.10.31.685798)

Keywords: population genomic analyses, pathogen identification, variant detection, biosurveillance, analyze unidentified eukaryotic and prokaryotic samples, creation of reports for multiple user-defined groupings of samples, automated discovery and downloading of reference assemblies from NCBI RefSeq,

Availability: Free, Available for download, Freely available

Resource Name: pathogensurveillance

Resource ID: SCR_028493

Alternate URLs: <https://github.com/nf-core/pathogensurveillance/tree/1.1.0>

License: MIT license

Record Creation Time: 20260529T042811+0000

Record Last Update: 20260905T133613+0000

Ratings and Alerts

No rating or validation information has been found for pathogensurveillance.

No alerts have been found for pathogensurveillance.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.