

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 7, 2026

[seqsero](#)

RRID:SCR_024333

Type: Tool

Proper Citation

seqsero (RRID:SCR_024333)

Resource Information

URL: <https://github.com/denglab/SeqSero>

Proper Citation: seqsero (RRID:SCR_024333)

Description: Software pipeline for Salmonella serotype determination from raw sequencing reads or genome assemblies.

Resource Type: software resource, software toolkit

Defining Citation: [PMID:25762776](#)

Keywords: Salmonella serotype determination, raw sequencing reads, genome assemblies,

Availability: Free, Available for download, Freely available,

Resource Name: seqsero

Resource ID: SCR_024333

Alternate IDs: OMICS_21700

Alternate URLs: <https://sources.debian.org/src/seqsero/>

License: GPL-2.0 license

Record Creation Time: 20230830T050217+0000

Record Last Update: 20260905T133108+0000

Ratings and Alerts

No rating or validation information has been found for seqsero.

No alerts have been found for seqsero.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Zhang J, et al. (2026) Clonal dissemination of ST19 Salmonella Typhimurium within a Chinese poultry breeding pyramid and One-Health implications. Poultry science, 105(1), 106097.

Tagg KA, et al. (2026) Pangenome dynamics and population structure of the zoonotic pathogen Salmonella enterica serotype Hadar. Nature communications, 17(1), 1270.

Lee J, et al. (2026) Distinct ESBL dissemination mechanism associated with the hybrid transposon Tn1721/Tn21 in blaCTX-M-15-carrying Salmonella Enteritidis from poultry in South Korea. Microbiology spectrum, 14(3), e0375525.

Song SU, et al. (2025) Whole-genome sequencing analysis of Salmonella enterica serotype Enteritidis isolated from poultry sources in Mongolia. Frontiers in veterinary science, 12, 1595674.

Leão C, et al. (2024) Genetic Diversity of Salmonella enterica subsp. enterica Serovar Enteritidis from Human and Non-Human Sources in Portugal. Pathogens (Basel, Switzerland), 13(2).

Benevides VP, et al. (2024) Genomic Features and Phylogenetic Analysis of Antimicrobial-Resistant Salmonella Mbandaka ST413 Strains. Microorganisms, 12(2).

Yang SM, et al. (2022) Genomic characteristics and comparative genomics of Salmonella enterica subsp. enterica serovar Schwarzengrund strain S16 isolated from chicken feces. Gut pathogens, 14(1), 1.

Beauvais W, et al. (2021) The effectiveness of treating irrigation water using ultraviolet radiation or sulphuric acid fertilizer for reducing generic Escherichia coli on fresh produce- a controlled intervention trial. Journal of applied microbiology, 131(3), 1360.

Win AT, et al. (2021) Sequence Analyses and Phenotypic Characterization Revealed Multidrug Resistant Gene Insertions in the Genomic Region Encompassing Phase 2 Flagellin Encoding fljAB Genes in Monophasic Variant Salmonella enterica Serovar 4,5,12:i:- Isolates From Various Sources in Thailand. Frontiers in microbiology, 12, 720604.

Luo L, et al. (2021) Elucidation of global and national genomic epidemiology of Salmonella enterica serovar Enteritidis through multilevel genome typing. Microbial genomics, 7(7).

Pardo-Esté C, et al. (2021) Genetic Characterization of *Salmonella* Infantis with Multiple Drug Resistance Profiles Isolated from a Poultry-Farm in Chile. *Microorganisms*, 9(11).

Banerji S, et al. (2020) Genome-based *Salmonella* serotyping as the new gold standard. *Scientific reports*, 10(1), 4333.

Longo A, et al. (2019) Characterizing *Salmonella enterica* Serovar Choleraesuis, var. Kunzendorf: A Comparative Case Study. *Frontiers in veterinary science*, 6, 316.

Silveira L, et al. (2019) Multidrug-Resistant *Salmonella enterica* Serovar Rissen Clusters Detected in Azores Archipelago, Portugal. *International journal of genomics*, 2019, 1860275.

Graham RMA, et al. (2018) Comparative genomics identifies distinct lineages of *S. Enteritidis* from Queensland, Australia. *PloS one*, 13(1), e0191042.

Ibrahim GM, et al. (2018) *Salmonella* Serotyping Using Whole Genome Sequencing. *Frontiers in microbiology*, 9, 2993.

Yachison CA, et al. (2017) The Validation and Implications of Using Whole Genome Sequencing as a Replacement for Traditional Serotyping for a National *Salmonella* Reference Laboratory. *Frontiers in microbiology*, 8, 1044.