

Resource Summary Report

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

BIGSdb

RRID:SCR_023551

Type: Tool

Proper Citation

BIGSdb (RRID:SCR_023551)

Resource Information

URL: <https://github.com/kjolley/BIGSdb>

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Description: Platform for gene-by-gene bacterial population annotation and analysis. Designed to store and analyse sequence data for bacterial isolates. Used for scalable analysis of bacterial genome variation at population level.

Synonyms: Bacterial Isolate Genome Sequence Database

Resource Type: database, data or information resource

Defining Citation: [PMID:21143983](#)

Keywords: sequence data, bacterial isolates, gene-by-gene bacterial population, annotation and analysis, bacterial genome variation,

Funding: Wellcome Trust

Availability: Free, Freely available

Resource Name: BIGSdb

Resource ID: SCR_023551

Alternate URLs: <https://bigsdbs.readthedocs.io/en/latest/>

License: GNU GPL

Record Creation Time: 20230510T050220+0000

Record Last Update: 20260808T190444+0000

Ratings and Alerts

No rating or validation information has been found for BIGSdb.

No alerts have been found for BIGSdb.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Charlier C, et al. (2023) Fatal neonatal listeriosis following *L. monocytogenes* horizontal transmission highlights neonatal susceptibility to orally acquired listeriosis. *Cell reports. Medicine*, 4(7), 101094.