

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

BASTA

RRID:SCR_017303

Type: Tool

Proper Citation

BASTA (RRID:SCR_017303)

Resource Information

URL: <https://bitbucket.org/nicofmay/basta-bayesian-structured-coalescent-approximation/src/master/>

Proper Citation: BASTA (RRID:SCR_017303)

Description: Software package as Bayesian method to infer migration from genetic data. Implemented in BEAST2 that combines accuracy of methods based on structured coalescent with computational efficiency required to handle more than few populations.

Synonyms: BAYesian STructured coalescent Approximation, BASTA, BEAST2

Resource Type: data processing software, software toolkit, software application, software resource

Defining Citation: [DOI:10.1371/journal.pgen.1005421](https://doi.org/10.1371/journal.pgen.1005421)

Keywords: Bayesian method, infer, migration, genetic, data, structured, coalescent, approximation, population

Availability: Free, Available for download, Freely available

Resource Name: BASTA

Resource ID: SCR_017303

License: GNU, GPL v3

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260810T040717+0000

Ratings and Alerts

No rating or validation information has been found for BASTA.

No alerts have been found for BASTA.

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](#) .

Crispell J, et al. (2019) Combining genomics and epidemiology to analyse bi-directional transmission of Mycobacterium bovis in a multi-host system. eLife, 8.