

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 2, 2026

## BASTA

RRID:SCR\_017303

Type: Tool

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### Proper Citation

BASTA (RRID:SCR\_017303)

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### 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:** software resource, software application, data processing software, software toolkit

**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:** 20260801T190835+0000

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### Ratings and Alerts

No rating or validation information has been found for BASTA.

No alerts have been found for BASTA.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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