# Resource Summary Report

Generated by NIF on Apr 27, 2025

## SABER

RRID:SCR_001257
Type: Tool

### Proper Citation

SABER (RRID:SCR_001257)

### Resource Information

**URL:** http://med.stanford.edu/tanglab/software/saber.html

**Proper Citation:** SABER (RRID:SCR_001257)

**Description:** Software program suitable for genome-scale data which uses a Markov-hidden Markov model (MHMM) to estimate local ancestry. The MHMM makes it possible to identify genomic blocks of a particular ancestry by use of any high-density single-nucleotide-polymorphism panel. One application is to perform admixture mapping without genotyping special ancestry-informative-marker panels.

**Abbreviations:** SABER

**Resource Type:** software resource

**Defining Citation:** PMID:16773560

**Keywords:** r, linux, ancestry, admixed, genetic, population, linkage disequilibrium, bio.tools

**Funding:**

**Resource Name:** SABER

**Resource ID:** SCR_001257

**Alternate IDs:** biotools:saber, OMICS_02081

**Alternate URLs:** https://bio.tools/saber

**Record Creation Time:** 20220129T080206+0000

**Record Last Update:** 20250420T014024+0000

## Ratings and Alerts

No rating or validation information has been found for SABER.

No alerts have been found for SABER.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 66 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF.


Curantz C, et al. (2025) A positive feedback loop between germ cells and gonads induces and maintains sexual reproduction in a cnidarian. Science advances, 11(2), eadq8220.

Quinodoz SA, et al. (2024) Mapping and engineering RNA-controlled architecture of the multiphase nucleolus. bioRxiv : the preprint server for biology.

Scheuermann NL, et al. (2024) University Biology Classrooms as Spaces for Anti-racist Work: Instructor Motivations for Incorporating Race, Racism, and Racial Equity Content. CBE life sciences education, 23(4), ar61.

Su Y, et al. (2024) Quasi-10-day waves in temperature and polar mesospheric clouds: Results of AIM/SOFIE and Aura/MLS observations. Heliyon, 10(10), e31241.

Rodzak KM, et al. (2024) Can back exosuits simultaneously increase lifting endurance and reduce musculoskeletal disorder risk? Wearable technologies, 5, e17.

Siniscalco AM, et al. (2024) Barcoding Notch signaling in the developing brain. Development (Cambridge, England), 151(24).

Siniscalco A, et al. (2024) Barcoding Notch signaling in the developing brain. bioRxiv : the preprint server for biology.

Bag T, et al. (2024) Enhanced response of thermospheric cooling emission to negative pressure pulse. Scientific reports, 14(1), 9647.

Araghi T, et al. (2023) The Aspects of Active-Learning Science Courses That Exacerbate and Alleviate Depression in Undergraduates. CBE life sciences education, 22(2), ar26.

Sato K, et al. (2023) Mammalian type opsin 5 preferentially activates G14 in Gq-type G proteins triggering intracellular calcium response. The Journal of biological chemistry, 299(8), 105020.

Cenikj G, et al. (2023) From language models to large-scale food and biomedical knowledge graphs. Scientific reports, 13(1), 7815.

Chen A, et al. (2023) Community-Derived Core Concepts for Neuroscience Higher Education. CBE life sciences education, 22(2), ar18.

Cabra Hernández HW, et al. (2023) Three approaches to modeling the relationship among durable goods, academic achievement, and school attendance in Colombia1. Heliyon, 9(12), e22732.

Tsai HL, et al. (2023) The emergence of RAS mutations in patients with RAS wild-type mCRC receiving cetuximab as first-line treatment: a noninterventional, uncontrolled multicenter study. British journal of cancer, 129(6), 947.

Beatty AE, et al. (2023) Biology Instructors See Value in Discussing Controversial Topics but Fear Personal and Professional Consequences. CBE life sciences education, 22(3), ar28.

Fujiyabu C, et al. (2023) Diversification processes of teleost intron-less opsin genes. The Journal of biological chemistry, 299(7), 104899.

Attar S, et al. (2023) Programmable peroxidase-assisted signal amplification enables flexible detection of nucleic acid targets in cellular and histopathological specimens. bioRxiv : the preprint server for biology.

Hosogane T, et al. (2023) DNA-barcoded signal amplification for imaging mass cytometry enables sensitive and highly multiplexed tissue imaging. Nature methods, 20(9), 1304.

Strotton M, et al. (2023) Multielement Z-tag imaging by X-ray fluorescence microscopy for next-generation multiplex imaging. Nature methods, 20(9), 1310.

Castro-Aristizabal G, et al. (2022) Spatial Variation in Educational Quality in Colombia Based on the Phenomena of Agglomeration and Academic Segregation. European journal of investigation in health, psychology and education, 12(8), 1006.