Resource Summary Report

Generated by RRID on Aug 4, 2026

SABER

RRID:SCR_001257
Type: Tool

Proper Citation

SABER (RRID:SCR_001257)

Resource Information

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

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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

Availability: Free, Available for download, Freely available

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: 20260801T190126+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 72 mentions in open access literature.

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

Plebanek AJ, et al. (2025) Exploring the deletion landscape of S. aureus Cas9 with SABER. bioRxiv : the preprint server for biology.

Ullrich S, et al. (2025) Co-transcriptional splicing is delayed in the highly expressed thyroglobulin gene. Journal of cell science, 138(6).

Chasen A, et al. (2025) Understanding the Lived Experiences of the members of the Society for the Advancement of Biology Education Research through Collins' Matrix of Domination Framework. CBE life sciences education, 24(3), ar32.

Slaughter PR, et al. (2025) Design and Evaluation of a Sensor-Instrumented Clutch Mechanism for Quasi-Passive Back Exosuits. IEEE transactions on bio-medical engineering, 72(7), 2293.

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. (2025) Mapping and engineering RNA-driven architecture of the multiphase nucleolus. Nature, 644(8076), 557.

Wang X, et al. (2025) STING agonist-based ER-targeting molecules boost antigen cross-presentation. Nature, 641(8061), 202.

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.

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

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 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.

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.

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.

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

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

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

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.