

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 8, 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: 20260808T185727+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 [PRECISE-TBI](#) .

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

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

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.

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.

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.

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

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

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.

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

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.

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.