

# Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

## sabre

RRID:SCR\_011843

Type: Tool

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### Proper Citation

sabre (RRID:SCR\_011843)

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### Resource Information

**URL:** <https://github.com/najoshi/sabre>

**Proper Citation:** sabre (RRID:SCR\_011843)

**Description:** Software tool to demultiplex barcoded reads into separate files. Works on both single-end and paired-end data in fastq format. Used in next generation sequencing to analyze a broad range of data.

**Abbreviations:** sabre

**Synonyms:** Systems Approach to Biomarker Research

**Resource Type:** data analysis software, data processing software, software application, software resource

**Keywords:** demultiplex, barcode, separate, fastq, format, data, next, generation, sequencing, bio.tools

**Availability:** Free, Available for download, Freely available

**Resource Name:** sabre

**Resource ID:** SCR\_011843

**Alternate IDs:** biotools:sabre, OMICS\_01090

**Alternate URLs:** <https://bio.tools/sabre>

**License:** MIT License

**Record Creation Time:** 20220129T080307+0000

**Record Last Update:** 20260829T182409+0000

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### Ratings and Alerts

No rating or validation information has been found for sabre.

No alerts have been found for sabre.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 219 mentions in open access literature.

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

Crego-Walters M, et al. (2026) Targeted Chromosomal Sequencing of Wild Bonobos Identifies a Genetically Distinct Subpopulation East of the Lomami River. bioRxiv : the preprint server for biology.

Olah G, et al. (2026) Ancient DNA and spatial modeling reveal a pre-Inca trans-Andean parrot trade. Nature communications, 17(1).

Yergalyiev T, et al. (2026) Age, strain, and gut section shape the microbiome of commercial laying hens. Poultry science, 105(9), 107152.

Timoshchuk A, et al. (2026) Replication of 10 novel loci involved in human plasma protein N-glycosylation using MALDI-MS and UHPLC-FD data. Glycobiology, 36(6).

Garside A, et al. (2026) Single-Cell Morphomechanics of Prostate Cancer-Associated Fibroblasts Identifies Distinct Features Associated with Patient Outcome. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(13), e22440.

Qin J, et al. (2026) Dietary fiber-driven shifts in mycobiota and short-chain fatty acid landscape in porcine hindgut. Animal microbiome, 8(1).

Bozkir HÖ, et al. (2026) TNF $\alpha$  is a trigger of aging-associated liver inflammation in mice. npj aging, 12(1), 27.

Gyesi J, et al. (2026) Robust Rapid Cellular Metabolite Sensing Using Benchtop NMR and SABRE-Hyperpolarized [1- $^{13}\text{C}$ ]Pyruvate. Analytical chemistry, 98(11), 8051.

Omar M, et al. (2026) Zero- to ultralow-field J-spectroscopy with a diamond magnetometer. Communications chemistry, 9(1).

Chan E, et al. (2026) Patient-derived intestinal organoids as a model for site-specific mucosal bacterial interactions in paediatric inflammatory bowel disease. Scientific reports, 16(1).

de Kort FAS, et al. (2025) Cerebral white matter hyperintensity volumes: Normative age- and sex-specific values from 15 population-based cohorts comprising 14,876 individuals. Neurobiology of aging, 146, 38.

Olah B, et al. (2025) The flexibility of SABRE, a new quantitative receptor function model, when fitting challenging concentration-effect data. *Frontiers in pharmacology*, 16, 1591761.

Boyd A, et al. (2025) UK Longitudinal Linkage Collaboration (UK LLC): The National Trusted Research Environment for Longitudinal Research. *International journal of population data science*, 10(1), 2468.

Jia M, et al. (2025) Identification of late blight resistance QTLs in an interspecific RIL population of tomato via genotyping-by-sequencing. *Molecular breeding : new strategies in plant improvement*, 45(4), 43.

Elsafy M, et al. (2025) Genome-wide association scan and candidate gene analysis for seed coat color in sesame (*Sesamum indicum* L.). *Frontiers in plant science*, 16, 1541656.

Li J, et al. (2025) Effects of traditional Chinese medicine Zuo-Gui-Wan on gut microbiota in an osteoporotic mouse model. *Journal of orthopaedic surgery and research*, 20(1), 128.

Sharapov S, et al. (2025) A genome-wide association study in 10,000 individuals links plasma N-glycome to liver disease and anti-inflammatory proteins. *Nature communications*, 16(1), 5525.

Park J, et al. (2025) Iron Fortification and Inulin Supplementation in Early Infancy: Evaluating the Impact on Gut Microbiome in a Piglet Model. *Current developments in nutrition*, 9(4), 104587.

Chaudhuri E, et al. (2025) CPSF6 promotes HIV-1 preintegration complex function. *Journal of virology*, 99(5), e0049025.

Kim K, et al. (2025) Impact of dietary supplementation of *Bacillus subtilis* on the metabolic profiles and microbial ecology of weanling pigs experimentally infected with a pathogenic *Escherichia coli*. *Journal of animal science and biotechnology*, 16(1), 167.