

Resource Summary Report

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SAFARI

RRID:SCR_026028

Type: Tool

Proper Citation

SAFARI (RRID:SCR_026028)

Resource Information

URL: <https://github.com/greanad/SAFARI>

Proper Citation: SAFARI (RRID:SCR_026028)

Description: C++ software program for alignment of ancient DNA to a pangenome reference graph. Used to recover more alignments from ancient DNA samples, which suffer from characteristic substitution patterns due to chemical damage.

Abbreviations: SAFARI

Synonyms: Sensitive Alignments from a RYmer Index

Resource Type: software resource, source code, software application

Defining Citation: [PMID:39415996](#)

Keywords: Pangenomics, ancient DNA, alignment, recover alignments from ancient DNA samples, characteristic substitution patterns, chemical damage,

Funding: Novo Nordisk Data Science Investigator ;
NHGRI R01HG010485;
NHGRI U41HG010972;
NHGRI U01HG010961

Availability: Free, Available for download, Freely available,

Resource Name: SAFARI

Resource ID: SCR_026028

License URLs: <https://github.com/greanad/SAFARI/blob/master/LICENSE>

Record Creation Time: 20241113T053248+0000

Record Last Update: 20260820T055104+0000

Ratings and Alerts

No rating or validation information has been found for SAFARI.

No alerts have been found for SAFARI.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Rubin J, et al. (2025) SAFARI: pangenome alignment of ancient DNA using purine/pyrimidine encodings. NAR genomics and bioinformatics, 7(4), lqaf170.