

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

[somalier](#)

RRID:SCR_028167

Type: Tool

Proper Citation

somalier (RRID:SCR_028167)

Resource Information

URL: <https://github.com/brentp/somalier>

Proper Citation: somalier (RRID:SCR_028167)

Description: Software application for rapid relatedness estimation for cancer and germline studies using efficient genome sketches extract informative sites, evaluate relatedness, and perform quality-control on BAM/CRAM/BCF/VCF/GVCF. Used for rapid relatedness estimation for cancer and germline studies using efficient genome sketches.

Synonyms: Somalier

Resource Type: software application, software resource

Defining Citation: [PMID:32664994](#)

Keywords: rapid relatedness estimation, cancer and germline studies, efficient genome sketches, quality control,

Funding: NCI P30CA04014;
NCI R37CA246183;
NCI U24CA209999;
NHGRI R01HG009141;
NHGRI R41HG010126

Availability: Free, Available for download, Freely available

Resource Name: somalier

Resource ID: SCR_028167

License: MIT license

Record Creation Time: 20260319T071826+0000

Record Last Update: 20260829T183537+0000

Ratings and Alerts

No rating or validation information has been found for somalier.

No alerts have been found for somalier.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.