

# Resource Summary Report

Generated by T1D on Aug 4, 2026

## SLIQ

RRID:SCR\_005003

Type: Tool

### Proper Citation

SLIQ (RRID:SCR\_005003)

### Resource Information

**URL:** <http://bioinformatics.rutgers.edu/Software/SLiQ/>

**Proper Citation:** SLIQ (RRID:SCR\_005003)

**Description:** Software for simple linear inequalities based Mate-Pair reads filtering and scaffolding. A set of simple linear inequalities (SLIQ) derived from the geometry of contigs on the line that can be used to predict the relative positions and orientations of contigs from individual mate pair reads and thus produce a contig digraph. The SLIQ inequalities can also filter out unreliable mate pairs and can be used as a pre-processing step for any scaffolding algorithm. This tool filters mate pairs and then produces a Directed Contig Graph (contig diGraph). Also provided is a Naive scaffolder that can then produce scaffolds out of the contig diGraph.

**Abbreviations:** SLIQ

**Synonyms:** Simple linear inequalities, SLiQ: Simple linear inequalities based Mate-Pair reads filtering and scaffolding

**Resource Type:** software resource

**Defining Citation:** [PMID:23057825](https://pubmed.ncbi.nlm.nih.gov/23057825/)

**Keywords:** python, scaffolding, contig position, contig orientation, bio.tools

**Resource Name:** SLIQ

**Resource ID:** SCR\_005003

**Alternate IDs:** biotools:sliq, OMICS\_00048

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

**Record Creation Time:** 20220129T080227+0000

**Record Last Update:** 20260801T190251+0000

---

## Ratings and Alerts

No rating or validation information has been found for SLIQ.

No alerts have been found for SLIQ.

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#) .

Alsaif B, et al. (2025) Undergraduates' lifestyle and Suboptimal Health Status (SHS): A cross-sectional study in the Ha'il region of Saudi Arabia. PloS one, 20(1), e0317127.

Bin Baz SS, et al. (2023) The Impact of a Healthy Lifestyle on Psychological Well-Being Among Saudi Adolescent Girls Attending Secondary Schools in Taif City, Saudi Arabia. Cureus, 15(12), e50189.

Dharma KK, et al. (2020) Use of mobile-stroke risk scale and lifestyle guidance promote healthy lifestyles and decrease stroke risk factors. International journal of nursing sciences, 7(4), 401.