Resource Summary Report

Generated by PRECISE-TBI on Sep 19, 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

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: 20260912T195619+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 PRECISE-TBI .

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.