

Resource Summary Report

Generated by [ASWG](#) on Aug 2, 2026

Tunable Biclustering Algorithm

RRID:SCR_017121

Type: Tool

Proper Citation

Tunable Biclustering Algorithm (RRID:SCR_017121)

Resource Information

URL: <https://github.com/KhiabanianLab/TuBA>

Proper Citation: Tunable Biclustering Algorithm (RRID:SCR_017121)

Description: Software tool as graph based unsupervised biclustering algorithm to identify alterations in tumors based on hypothesis that gene pairs relevant to clinical process share statistically significant number of samples with extreme expression.

Abbreviations: TuBA

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

Keywords: graph, unsupervised, algorithm, identify, alteration, tumor, gene, pair, significant, expression

Availability: Free, Available for download, Freely available

Resource Name: Tunable Biclustering Algorithm

Resource ID: SCR_017121

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260801T190546+0000

Ratings and Alerts

No rating or validation information has been found for Tunable Biclustering Algorithm.

No alerts have been found for Tunable Biclustering Algorithm.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Panda A, et al. (2020) Tissue- and development-stage-specific mRNA and heterogeneous CNV signatures of human ribosomal proteins in normal and cancer samples. Nucleic acids research, 48(13), 7079.

Singh A, et al. (2019) TuBA: Tunable biclustering algorithm reveals clinically relevant tumor transcriptional profiles in breast cancer. GigaScience, 8(6).