

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

Tn-seq explorer

RRID:SCR_024387

Type: Tool

Proper Citation

Tn-seq explorer (RRID:SCR_024387)

Resource Information

URL: <https://github.com/sina-cb/Tn-seqExplorer>

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Description: Software package written in Java for analysis of high-throughput sequencing data of transposon mutant libraries. Reads the alignment and the gene annotation, and provides the user with set of tools to investigate data and identify possibly essential or advantageous genes as those that contain significantly low counts of transposon insertions.

Synonyms: , Tn-seq Explorer, tn-seqexplorer

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

Defining Citation: [PMID:25938432](#)

Keywords: high-throughput sequencing data analysis, transposon mutant libraries, read alignment and gene annotation, identify genes, low counts of transposon insertions genes,

Availability: Free, Available for download, Freely available,

Resource Name: Tn-seq explorer

Resource ID: SCR_024387

Old URLs: <https://sources.debian.org/src/tn-seqexplorer/>

Record Creation Time: 20230830T050217+0000

Record Last Update: 20260728T043710+0000

Ratings and Alerts

No rating or validation information has been found for Tn-seq explorer.

No alerts have been found for Tn-seq explorer.

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 [SPARC SAWG](#) .

Bell??s-Sancho P, et al. (2024) Tn-seq profiling reveals that NodS of the beta-rhizobium *Paraburkholderia phymatum* is detrimental for nodulating soybean. *Communications biology*, 7(1), 1706.

Patel Y, et al. (2020) A regulatory pathway that selectively up-regulates elongasome function in the absence of class A PBPs. *eLife*, 9.

Zhang C, et al. (2018) The essential genome of the crenarchaeal model *Sulfolobus islandicus*. *Nature communications*, 9(1), 4908.