

# Resource Summary Report

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## Systems Transcriptional Activity Reconstruction

RRID:SCR\_005622

Type: Tool

### Proper Citation

Systems Transcriptional Activity Reconstruction (RRID:SCR\_005622)

### Resource Information

**URL:** <http://tabit.ucsd.edu/sdec/>

**Proper Citation:** Systems Transcriptional Activity Reconstruction (RRID:SCR\_005622)

**Description:** A next-generation web-based application that aims to provide an integrated solution for both visualization and analysis of deep-sequencing data, along with simple access to public datasets.

**Abbreviations:** STAR

**Synonyms:** Systems Transcriptional Activity Reconstruction Genome Browser, Systems Transcriptional Activity Reconstruction, STAR Genome Browser

**Resource Type:** data or information resource, database, service resource

**Keywords:** genome browser, genome, next generation sequence, visualization, FASEB list

**Availability:** Account required, Or Guest login

**Resource Name:** Systems Transcriptional Activity Reconstruction

**Resource ID:** SCR\_005622

**Alternate IDs:** OMICS\_00895

**Record Creation Time:** 20220129T080231+0000

**Record Last Update:** 20260905T133130+0000

### Ratings and Alerts

No rating or validation information has been found for Systems Transcriptional Activity Reconstruction.

No alerts have been found for Systems Transcriptional Activity Reconstruction.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 6478 mentions in open access literature.

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

Fulciniti M, et al. (2026) ID2 Suppresses Multiple Myeloma Cell Proliferation by Repressing the Activity of the Transcription Factor TCF3. Blood cancer discovery, 7(1), 129.

Pham FK, et al. (2026) Melanoma cell states shape spatial tumor-immune ecosystems to dictate the efficacy of anti-PD1 immunotherapy. Journal for immunotherapy of cancer, 14(6).

Martínez-Bosch N, et al. (2026) PARP2 deficiency impairs pancreatic cancer progression by promoting genomic instability and antitumor immunity. Science advances, 12(19), eadu8849.

Liu F, et al. (2025) TAF1 is required for fetal but not adult hematopoiesis in mice. Developmental cell.

Hou Z, et al. (2025) Tertiary lymphoid structure-related RNA indicator as metastasis risk factor in nasopharyngeal carcinoma. Clinical and translational medicine, 15(12), e70539.

Wang T, et al. (2025) Multiomics analysis provides insights into musk secretion in muskrat and musk deer. GigaScience, 14.

Gebru MT, et al. (2025) Loss of UXS1 Selectively Depletes Pyrimidines and Induces Replication Stress in KEAP1-Mutant Lung Cancer. Cancer research, 85(23), 4806.

Yang S, et al. (2025) LTA4H improves the tumor microenvironment and prevents HCC progression via targeting the HNRNPA1/LTBP1/TGF- $\beta$  axis. Cell reports. Medicine, 6(3), 102000.

Mokhtari A, et al. (2025) Using multiomic integration to improve blood biomarkers of major depressive disorder: a case-control study. EBioMedicine, 113, 105569.

Siu LL, et al. (2025) AZD8701, an Antisense Oligonucleotide Targeting FOXP3 mRNA, as Monotherapy and in Combination with Durvalumab: A Phase I Trial in Patients with Advanced Solid Tumors. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(8), 1449.

Scheurlen KM, et al. (2025) Itaconate and obesity-related hormones promote tumor progression - new insights on metabolic dysfunction in early-onset colon cancer. *Frontiers in immunology*, 16, 1572985.

Zhang F, et al. (2025) The ESCRT protein CHMP5 restricts bone formation by controlling endolysosome-mitochondrion-mediated cell senescence. *eLife*, 13.

Kudo-Saito C, et al. (2025) IL33-ST2 axis is a predictive biomarker for anti-PD1 therapeutic efficacy in advanced gastric cancer. *Journal of translational medicine*, 23(1), 1125.

Jamal T, et al. (2024) Experience-dependent regulation of dopaminergic signaling in the somatosensory cortex. *Progress in neurobiology*, 239, 102630.

Sun N, et al. (2024) Establishing a 3D culture system for early organogenesis of monkey embryos ex vivo and single-cell transcriptome analysis of cultured embryos. *STAR protocols*, 5(1), 102835.

Dibra D, et al. (2024) Mutant p53 protects triple-negative breast adenocarcinomas from ferroptosis in vivo. *Science advances*, 10(7), eadk1835.

Lancaster MS, et al. (2023) Loss of succinyl-CoA synthetase in mouse forebrain results in hypersuccinylation with perturbed neuronal transcription and metabolism. *Cell reports*, 42(10), 113241.

Podmore L, et al. (2023) Insulin receptor loss impairs mammary tumorigenesis in mice. *Cell reports*, 42(11), 113251.

Hsieh YP, et al. (2022) Single-Cell RNA Sequencing Analysis for Oncogenic Mechanisms Underlying Oral Squamous Cell Carcinoma Carcinogenesis with *Candida albicans* Infection. *International journal of molecular sciences*, 23(9).

Ta AC, et al. (2022) Temporal and spatial transcriptomic dynamics across brain development in *Xenopus laevis* tadpoles. *G3 (Bethesda, Md.)*, 12(1).