

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

TEMP

RRID:SCR_001788

Type: Tool

Proper Citation

TEMP (RRID:SCR_001788)

Resource Information

URL: <https://github.com/JialiUMassWengLab/TEMP>

Proper Citation: TEMP (RRID:SCR_001788)

Description: Software package for detecting transposable elements (TEs) insertions and excisions from pooled high-throughput sequencing data.

Resource Type: software resource

Defining Citation: [PMID:24753423](#)

Keywords: standalone software, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: TEMP

Resource ID: SCR_001788

Alternate IDs: OMICS_03821, biotools:temp

Alternate URLs: <https://bio.tools/temp>

License: GNU General Public License, v2

Record Creation Time: 20220129T080209+0000

Record Last Update: 20260808T185732+0000

Ratings and Alerts

No rating or validation information has been found for TEMP.

No alerts have been found for TEMP.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 216 mentions in open access literature.

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

Saidi S, et al. (2026) A reference-free pipeline for detecting shared transposable elements from pan-genomes to retrace their dynamics in a species. *Genome biology*, 27(1).

Zhu C, et al. (2026) All Nanozyme-Based Cascade Reactions for Biomedical Applications: from Self-Cascading Nanozyme to Immobilized Cascade Nanozyme. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(6), e19656.

Li S, et al. (2025) Transdermal microneedle-assisted ultrasound-enhanced CRISPRa system to enable sono-gene therapy for obesity. *Nature communications*, 16(1), 1499.

Fang H, et al. (2025) Ultrasound-Responsive 4D Bioscaffold for Synergistic Sonopiezoelectric-Gaseous Osteosarcoma Therapy and Enhanced Bone Regeneration. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(22), e2417208.

Potvin MJ, et al. (2025) Factors Influencing Objective and Subjective Prospective Memory Measures in Traumatic Brain Injury. *Archives of clinical neuropsychology : the official journal of the National Academy of Neuropsychologists*, 40(1), 112.

Li X, et al. (2025) Ultrasound-Activated Precise Sono-Immunotherapy for Breast Cancer with Reduced Pulmonary Fibrosis. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(5), e2407609.

Yang Z, et al. (2025) Incidental iron oxide nanoclusters drive confined Fenton-like detoxification of solid wastes towards sustainable resource recovery. *Nature communications*, 16(1), 146.

Li CA, et al. (2025) Amplifying Anti-Tumor Immune Responses via Mitochondria-Targeting Near-Infrared Photodynamic Therapy. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(33), e05525.

Wang C, et al. (2025) Accelerating Sono-Piezoelectric Charge Transport for Antibacterial Therapy and Bone Regeneration by Metal-Deficient TiO₂ Spin-Polarization Effect. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(30), e03186.

Guo J, et al. (2025) Bio-barrier-adaptable biomimetic nanomedicines combined with ultrasound for enhanced cancer therapy. *Signal transduction and targeted therapy*, 10(1), 137.

Tao Y, et al. (2025) Dual-functional silver nanoparticle-enhanced ZnO nanorods for improved reactive oxygen species generation and cancer treatment. *iScience*, 28(2), 111858.

Nooh S, et al. (2025) An exploratory analysis of longitudinal artificial intelligence for cognitive fatigue detection using neurophysiological based biosignal data. *Scientific reports*, 15(1), 15736.

Long Y, et al. (2025) Modulation of Co spin state at Co₃O₄ crystalline-amorphous interfaces for CO oxidation and N₂O decomposition. *Nature communications*, 16(1), 1048.

Chen L, et al. (2025) Impacts of short-term exposure to ambient air pollutants on outpatient visits for respiratory diseases in children: a time series study in Yichang, China. *Environmental health and preventive medicine*, 30, 16.

Aman N, et al. (2025) Machine learning-based quantification and separation of emissions and meteorological effects on PM_{2.5} in Greater Bangkok. *Scientific reports*, 15(1), 14775.

Chen S, et al. (2025) Transforming the Poison Effects of Water Vapor into Benefits Over Adjustable Dual Acid Sites for Stable Plasma-Catalysis. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(27), e2502123.

Zhang S, et al. (2025) Two-dimensional superlattice nanocatalysts unlock multimodal energy transformation-driven catalytic therapy. *Nature communications*, 16(1), 5822.

Yang S, et al. (2025) A deep learning approach to stress recognition through multimodal physiological signal image transformation. *Scientific reports*, 15(1), 22258.

Pelalak R, et al. (2025) Molecular dynamics insights into the adsorption mechanism of acidic gases over iron based metal organic frameworks. *Scientific reports*, 15(1), 21924.

Chen X, et al. (2025) Far-red LED light alters circadian rhythms and elicits dark-adapted ERG responses in rodents. *PloS one*, 20(7), e0326710.