

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 15, 2026

GPSeq

RRID:SCR_013250

Type: Tool

Proper Citation

GPSeq (RRID:SCR_013250)

Resource Information

URL: <http://www-rcf.usc.edu/~liangche/software.html>

Proper Citation: GPSeq (RRID:SCR_013250)

Description: A software tool to analyze RNA-seq data to estimate gene and exon expression, identify differentially expressed genes, and differentially spliced exons., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: GPSeq

Resource Type: software resource

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: GPSeq

Resource ID: SCR_013250

Alternate IDs: OMICS_01333

Record Creation Time: 20220129T080315+0000

Record Last Update: 20260912T195801+0000

Ratings and Alerts

No rating or validation information has been found for GPSeq.

No alerts have been found for GPSeq.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Ren Z, et al. (2020) Transcriptome analysis of wheat spikes in response to *Tilletia controversa* Kohn which cause wheat dwarf bunt. Scientific reports, 10(1), 21567.

Girelli G, et al. (2020) GPSeq reveals the radial organization of chromatin in the cell nucleus. Nature biotechnology, 38(10), 1184.

Zhang M, et al. (2019) Axonogenesis Is Coordinated by Neuron-Specific Alternative Splicing Programming and Splicing Regulator PTBP2. Neuron, 101(4), 690.

Chen L, et al. (2018) BCseq: accurate single cell RNA-seq quantification with bias correction. Nucleic acids research, 46(14), e82.

Chen L, et al. (2010) A global comparison between nuclear and cytosolic transcriptomes reveals differential compartmentalization of alternative transcript isoforms. Nucleic acids research, 38(4), 1086.

Zheng S, et al. (2009) A hierarchical Bayesian model for comparing transcriptomes at the individual transcript isoform level. Nucleic acids research, 37(10), e75.