Resource Summary Report

Generated by RRID on Aug 15, 2026

pRNASeqTools

RRID:SCR_026232
Type: Tool

Proper Citation

pRNASeqTools (RRID:SCR_026232)

Resource Information

URL: https://github.com/grubbybio/pRNASeqTools

Proper Citation: pRNASeqTools (RRID:SCR_026232)

Description: Software integrated pipeline for plant NGS analysis.

Resource Type: software toolkit, source code, software resource

Keywords: Integrated High-throughput Sequencing Data Analysis, High-throughput Sequencing Data, plant NGS analysis,

Availability: Free, Available for download, Freely available

Resource Name: pRNASeqTools

Resource ID: SCR_026232

License: MIT license

Record Creation Time: 20250104T053323+0000

Record Last Update: 20260815T042913+0000

Ratings and Alerts

No rating or validation information has been found for pRNASeqTools.

No alerts have been found for pRNASeqTools.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Chang Y, et al. (2026) KNUCKLES promotes meiotic cell-cycle progression by directly repressing the expression of KRP1 and KRP3 to ensure male fertility. Plant communications, 7(2), 101610.

Han Y, et al. (2026) Glycine max Jumonji C domain-containing proteins JMJ19/20 exhibit endopeptidase activity and interact with LUXs to mediate flowering time. Nucleic acids research, 54(5).

Wang H, et al. (2025) Ribosomes binding to TAS transcripts buffer ta-siRNA biogenesis in Arabidopsis thaliana. Frontiers in plant science, 16, 1561041.

Fan D, et al. (2025) A multisensor high-temperature signaling framework for triggering daytime thermomorphogenesis in Arabidopsis. Nature communications, 16(1), 5197.

Hang R, et al. (2024) HOT3/eIF5B1 confers Kozak motif-dependent translational control of photosynthesis-associated nuclear genes for chloroplast biogenesis. Nature communications, 15(1), 9878.

Sang Q, et al. (2023) MicroRNA156 conditions auxin sensitivity to enable growth plasticity in response to environmental changes in Arabidopsis. Nature communications, 14(1), 1449.

Huang T, et al. (2022) Transcriptome-wide analyses of RNA m6A methylation in hexaploid wheat reveal its roles in mRNA translation regulation. Frontiers in plant science, 13, 917335.

Hwang Y, et al. (2022) Anterograde signaling controls plastid transcription via sigma factors separately from nuclear photosynthesis genes. Nature communications, 13(1), 7440.

Fan L, et al. (2022) Arabidopsis AAR2, a conserved splicing factor in eukaryotes, acts in microRNA biogenesis. Proceedings of the National Academy of Sciences of the United States of America, 119(41), e2208415119.

Liang C, et al. (2022) Arabidopsis RBV is a conserved WD40 repeat protein that promotes microRNA biogenesis and ARGONAUTE1 loading. Nature communications, 13(1), 1217.

Xiong W, et al. (2021) High resolution RNA-seq profiling of genes encoding ribosomal proteins across different organs and developmental stages in Arabidopsis thaliana. Plant direct, 5(5), e00320.

Zhang B, et al. (2020) Linking key steps of microRNA biogenesis by TREX-2 and the nuclear pore complex in Arabidopsis. Nature plants, 6(8), 957.