

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

CASHX

RRID:SCR_005477

Type: Tool

Proper Citation

CASHX (RRID:SCR_005477)

Resource Information

URL: <http://carringtonlab.org/resources/cashx>

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Description: Software pipeline to parse, map, quantify and manage large quantities of sequence data. CASHX is a set of tools that can be used together, or as independent modules on their own. The reference genome alignment tools can be used with any reference sequence in fasta format. The pipeline was designed and tested using Arabidopsis thaliana small RNA reads generated using an Illumina 1G.

Abbreviations: CASHX

Synonyms: Cache ASsisted Hash Search with Xor logic Pipeline, CASHX Pipeline, Cache ASsisted Hash Search with Xor logic

Resource Type: software resource

Defining Citation: [PMID:19307293](#)

Funding: NSF MCB-1231726;
NIAI AI43288

Resource Name: CASHX

Resource ID: SCR_005477

Alternate IDs: OMICS_00655

Record Creation Time: 20220129T080230+0000

Record Last Update: 20260829T182226+0000

Ratings and Alerts

No rating or validation information has been found for CASHX.

No alerts have been found for CASHX.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Choi CP, et al. (2021) SNPC-1.3 is a sex-specific transcription factor that drives male piRNA expression in *C. elegans*. *eLife*, 10.

Montgomery BE, et al. (2021) Dual roles for piRNAs in promoting and preventing gene silencing in *C. elegans*. *Cell reports*, 37(10), 110101.

Reed KJ, et al. (2020) Widespread roles for piRNAs and WAGO-class siRNAs in shaping the germline transcriptome of *Caenorhabditis elegans*. *Nucleic acids research*, 48(4), 1811.

Brown KC, et al. (2017) ALG-5 is a miRNA-associated Argonaute required for proper developmental timing in the *Caenorhabditis elegans* germline. *Nucleic acids research*, 45(15), 9093.