

# Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

## SHRiMP

RRID:SCR\_005496

Type: Tool

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### Proper Citation

SHRiMP (RRID:SCR\_005496)

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### Resource Information

**URL:** <http://compbio.cs.toronto.edu/shrimp/>

**Proper Citation:** SHRiMP (RRID:SCR\_005496)

**Description:** A software package for aligning genomic reads against a target genome.

**Abbreviations:** SHRiMP

**Synonyms:** SHRiMP - SHort Read Mapping Package

**Resource Type:** software resource

**Defining Citation:** [PMID:21278192](#)

**Keywords:** next generation sequencing, alignment

**Resource Name:** SHRiMP

**Resource ID:** SCR\_005496

**Alternate IDs:** OMICS\_00685

**Record Creation Time:** 20220129T080230+0000

**Record Last Update:** 20260815T182316+0000

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### Ratings and Alerts

No rating or validation information has been found for SHRiMP.

No alerts have been found for SHRiMP.

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### Data and Source Information

## Usage and Citation Metrics

We found 208 mentions in open access literature.

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

Guidotti L, et al. (2026) Morpho-Functional Characterization and miRNA Profiling of the Retina in the 5xFAD Murine Model of Alzheimer's Disease. *Investigative ophthalmology & visual science*, 67(2), 31.

Darlington KC, et al. (2026) Myeloid Cell Adhesion Molecule 1 (CADM1) Promotes Proinflammatory Signaling in Human Inflammatory Bowel Diseases. *Cellular and molecular gastroenterology and hepatology*, 20(1), 101618.

Wen J, et al. (2025) Design and Optimization of Hierarchical Porous Metamaterial Lattices Inspired by the Pistol Shrimp's Claw: Coupling for Superior Crashworthiness. *Biomimetics (Basel, Switzerland)*, 10(9).

Ventura A, et al. (2025) Comparative analysis of human Mesenchymal Stromal Cells from Adipose Tissue and Dental Pulp: phenotypic characterization and secretome profiling. *Biology direct*, 20(1), 111.

Peydayesh M, et al. (2025) Sustainable Smart Packaging from Protein Nanofibrils. *Advanced materials (Deerfield Beach, Fla.)*, 37(22), e2414658.

Kasamechotchung C, et al. (2025) Effect of partial and total replacement of fishmeal by soybean meal in feed on growth and gut performance of *Penaeus vannamei*. *Scientific reports*, 15(1), 451.

Benavides IF, et al. (2024) Potential negative impacts of climate change outweigh opportunities for the Colombian Pacific Ocean Shrimp Fishery. *Scientific reports*, 14(1), 21903.

Smith TM, et al. (2024) Oxygen isotopes in orangutan teeth reveal recent and ancient climate variation. *eLife*, 12.

Bookout T, et al. (2024) Construction of Whole Cell Bacterial Biosensors as an Alternative Environmental Monitoring Technology to Detect Naphthenic Acids in Oil Sands Process-Affected Water. *ACS synthetic biology*, 13(10), 3197.

Khan A, et al. (2024) Antiviral Shrimp lncRNA06 Possesses Anti-Tumor Activity by Inducing Apoptosis of Human Gastric Cancer Stem Cells in a Cross-Species Manner. *Marine drugs*, 22(5).

Das K, et al. (2024) Considerations for protein and amino acids in standardized reference diet for parthenogenetic marbled crayfish *Procambarus virginalis* model organism. *Scientific reports*, 14(1), 16395.

Dilworth J, et al. (2024) Synergistic response to climate stressors in coral is associated with genotypic variation in baseline expression. *Proceedings. Biological sciences*, 291(2019), 20232447.

Das K, et al. (2024) Considerations for fatty acids in standardized reference diet for parthenogenetic marbled crayfish *Procambarus virginalis* model organism. *Scientific reports*, 14(1), 15933.

Selvam K, et al. (2024) Elf1 promotes transcription-coupled repair in yeast by using its C-terminal domain to bind TFIIH. *Nature communications*, 15(1), 6223.

Ekanayake Weeramange C, et al. (2024) Human papillomavirus (HPV) DNA methylation changes in HPV-associated head and neck cancer. *Carcinogenesis*, 45(3), 140.

Zhang Y, et al. (2024) Virus-Induced Histone Lactylation Promotes Virus Infection in Crustacean. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 11(30), e2401017.

Tian J, et al. (2024) Effects of Dietary *Gracilaria lichenoides* and *Bacillus amyloliquefaciens* on Growth Performance, Antioxidant Capacity, and Intestinal Health of *Penaeus monodon*. *Biology*, 13(4).

Luo Z, et al. (2023) T-Shaped Aptamer-Based LSPR Biosensor Using ??-Shaped Fiber Optic for Rapid Detection of SARS-CoV-2. *Analytical chemistry*, 95(2), 1599.

Thepmanee O, et al. (2023) Molecular and cellular characterization of four putative nucleotide transporters from the shrimp microsporidian *Enterocytozoon hepatopenaei* (EHP). *Scientific reports*, 13(1), 20008.

Lv X, et al. (2023) Crustin Defense against *Vibrio parahaemolyticus* Infection by Regulating Intestinal Microbial Balance in *Litopenaeus vannamei*. *Marine drugs*, 21(2).