

Resource Summary Report

Generated by [ASWG](#) on Aug 2, 2026

Piranha

RRID:SCR_010903

Type: Tool

Proper Citation

Piranha (RRID:SCR_010903)

Resource Information

URL: <http://smithlab.usc.edu/plone/software/piranha>

Proper Citation: Piranha (RRID:SCR_010903)

Description: A peak-caller for CLIP- and RIP-Seq data. It takes input in BED or BAM format and identifies regions of significant read enrichment. Additional covariates may optionally be provided to further inform the peak-calling process., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: Piranha

Synonyms: Piranha -- CLIP- and RIP-Seq peak caller

Resource Type: software resource

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Piranha

Resource ID: SCR_010903

Alternate IDs: OMICS_00568

Record Creation Time: 20220129T080301+0000

Record Last Update: 20260801T190418+0000

Ratings and Alerts

No rating or validation information has been found for Piranha.

No alerts have been found for Piranha.

Data and Source Information

Usage and Citation Metrics

We found 172 mentions in open access literature.

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

Wu J, et al. (2025) Posttranscriptional Control of Neural Progenitors Temporal Dynamics During Neocortical Development by Syncrip. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(8), e2411732.

Maluf FC, et al. (2025) Safety and feasibility of En-bloc holmium laser enucleation for very large prostates (> 200???cc) with trainee involvement. *BJUI compass*, 6(1), e469.

Rodrigues A, et al. (2025) Monolithically Integrated GaAs Nanoislands on CMOS-Compatible Si Nanotips Using GS-MBE. *Nanomaterials* (Basel, Switzerland), 15(14).

Sombat W, et al. (2025) Polymeric Micellar Nanocatalysts for CuAAC Click Reaction in Water. *Langmuir : the ACS journal of surfaces and colloids*, 41(10), 6729.

Dai Z, et al. (2025) Upregulation of long non-coding RNA SNHG11 promotes apoptosis and its molecular mechanisms in human osteosarcoma U2OS cells. *Scientific reports*, 15(1), 25472.

Li C, et al. (2025) IGF2BP3 Modulates mRNA Splicing and Stability to Promote Trophoblast Progression via Interaction with PDE3A and Suppression by miR-196a-5p in Preeclampsia. *Biomedicines*, 13(6).

Liu W, et al. (2025) GRB2 Promotes Malignant Behaviors of Breast Cancer by Modulating the Global Expression and Alternative Splicing Profiles in SK-BR-3 Cells Through Binding mRNA. *Cancer medicine*, 14(10), e70905.

Manuda KRJ, et al. (2025) In situ real-time assessment of wavelength dependent degradation of methyl orange on rGO-TiO2 photocatalyst. *iScience*, 28(5), 112304.

Dumas L, et al. (2025) RNA G-quadruplexes control mitochondria-localized mRNA translation and energy metabolism. *Nature communications*, 16(1), 3292.

Huang Y, et al. (2025) YBX1 Modulates Intimal Hyperplasia by Regulating Expression and Alternative Splicing of Cell Cycle Associated Genes in RASMCs. *Journal of cellular and molecular medicine*, 29(5), e70445.

Guo L, et al. (2025) The RNA-binding protein LARP6 regulates the alternative splicing of related genes in MDA-MB-231 cells. *Scientific reports*, 15(1), 7883.

Zhang L, et al. (2025) The nuclear exosome co-factor MTR4 shapes the transcriptome for meiotic initiation. *Nature communications*, 16(1), 2605.

Sadongo VW, et al. (2025) Single-molecule tweezers decode hidden dimerization patterns of membrane proteins within lipid bilayers. *Nature communications*, 16(1), 7366.

Tan W, et al. (2025) MORC2 is a phosphorylation-dependent DNA compaction machine. *Nature communications*, 16(1), 5606.

Lu Y, et al. (2025) Deciphering alternative splicing patterns during cell fate transition of fast chemical reprogramming. *BMC biology*, 23(1), 164.

Seo GE, et al. (2025) Sporadic detection of vaccine-derived poliovirus type 2 using next-generation sequencing in Canadian wastewater in August of 2022. *Scientific reports*, 15(1), 12913.

Hoff F, et al. (2025) Bond Confinement-Dependent Peierls Distortion in Epitaxially Grown Bismuth Films. *Advanced materials (Deerfield Beach, Fla.)*, 37(7), e2416938.

Liu W, et al. (2025) IGF2BP2 orchestrates global expression and alternative splicing profiles associated with glioblastoma development in U251 cells. *Translational oncology*, 51, 102177.

Zhang Z, et al. (2025) A Ratiometric Fluorescence Nano pH Biosensor for Live-Cell Imaging Using Cerasome. *Biosensors*, 15(2).

Khlebnikov DA, et al. (2025) Comprehensive analysis of RNA-chromatin, RNA-, and DNA-protein interactions. *NAR genomics and bioinformatics*, 7(1), lqaf010.