

Resource Summary Report

Generated by SPARC SAWG on Sep 18, 2026

Peptides

RRID:SCR_022675

Type: Tool

Proper Citation

Peptides (RRID:SCR_022675)

Resource Information

URL: <https://cran.r-project.org/web/packages/Peptides/index.html>

Proper Citation: Peptides (RRID:SCR_022675)

Description: Software R package to calculate indices and theoretical physicochemical properties of peptides and protein sequences.

Resource Type: software resource, software toolkit

Keywords: physicochemical properties and indices calculations, amino acid sequences, amino acid physiochemical properties calculations

Availability: Free, Available for download, Freely available

Resource Name: Peptides

Resource ID: SCR_022675

Alternate URLs: <https://github.com/dosorio/Peptides/>

License: GPL v2

Record Creation Time: 20220817T050143+0000

Record Last Update: 20260912T200301+0000

Ratings and Alerts

No rating or validation information has been found for Peptides.

No alerts have been found for Peptides.

Data and Source Information

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Miller SC, et al. (2026) Signal recognition particle-dependent secretome in humans. Scientific reports, 16(1).

Ramtel R, et al. (2026) ??-Hairpin Antimicrobial Peptides: Class Diversity and Sequence Analysis. ACS infectious diseases, 12(3), 998.

Qin XY, et al. (2025) Physicochemical features of intrinsically disordered regions predict DNA-demethylation-promoting activity of transcription factors. Epigenetics & chromatin, 19(1), 1.

Li D, et al. (2025) MicroEpitope: an atlas of immune epitopes derived from cancer microbiomes. Nucleic acids research, 53(D1), D1435.

Khodaparast L, et al. (2025) Co-translational protein aggregation and ribosome stalling as a broad-spectrum antibacterial mechanism. Nature communications, 16(1), 1561.

Hourigan D, et al. (2024) Discovery and synthesis of leaderless bacteriocins from the Actinomycetota. Journal of bacteriology, 206(11), e0029824.

Anwer F, et al. (2024) AbAMPdb: a database of Acinetobacter baumannii specific antimicrobial peptides. Database : the journal of biological databases and curation, 2024.

Wilson B, et al. (2024) sRNA-Effector: A tool to expedite discovery of small RNA regulators. iScience, 27(3), 109300.

Codina JR, et al. (2023) Accelerating the Screening of Small Peptide Ligands by Combining Peptide-Protein Docking and Machine Learning. International journal of molecular sciences, 24(15).

Rodrigues CHM, et al. (2022) CSM-peptides: A computational approach to rapid identification of therapeutic peptides. Protein science : a publication of the Protein Society, 31(10), e4442.

Dougherty K, et al. (2022) Computational curation and analysis of publicly available protein sequence data from a single protein family. MethodsX, 9, 101846.