

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

Composition Profiler

RRID:SCR_014630

Type: Tool

Proper Citation

Composition Profiler (RRID:SCR_014630)

Resource Information

URL: <http://www.cprofiler.org/>

Proper Citation: Composition Profiler (RRID:SCR_014630)

Description: Web tool for discovery and visualization of differences in amino acid composition. Two samples of amino acid sequences serve as input and a bar chart composed of twenty data points is output.

Resource Type: web application, software resource

Defining Citation: [PMID:17578581](#)

Keywords: web tool, web application, amino acid, amino acid composition, sequence, bar chart, bio.tools

Availability: Source code available, Acknowledgement requested

Resource Name: Composition Profiler

Resource ID: SCR_014630

Alternate IDs: biotools:composition_profiler

Alternate URLs: https://bio.tools/composition_profiler

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260808T190241+0000

Ratings and Alerts

No rating or validation information has been found for Composition Profiler.

No alerts have been found for Composition Profiler.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Antonietti M, et al. (2025) An Analysis of Intrinsic Protein Disorder in Antimicrobial Peptides. The protein journal, 44(2), 175.

Sharma M, et al. (2025) Intrinsic disorder in CYP1B1 and its implications in primary congenital glaucoma pathogenesis. Journal of proteins and proteomics.

Garcia-Cabau C, et al. (2025) Mis-splicing of a neuronal microexon promotes CPEB4 aggregation in ASD. Nature, 637(8045), 496.

Uechi H, et al. (2025) Small-molecule dissolution of stress granules by redox modulation benefits ALS models. Nature chemical biology.

Páez-Pérez ED, et al. (2025) The C-terminal end of PLIN1 displays structural disorder. Biochemistry and biophysics reports, 42, 101963.

Paromov V, et al. (2024) The Proteomic Analysis of Cancer-Related Alterations in the Human Unfoldome. International journal of molecular sciences, 25(3).

Antonietti M, et al. (2024) Effects of Aging on Intrinsic Protein Disorder in Human Lenses and Zonules. Cell biochemistry and biophysics, 82(4), 3667.

Zarubin M, et al. (2024) Structural study of the intrinsically disordered tardigrade damage suppressor protein (Dsup) and its complex with DNA. Scientific reports, 14(1), 22910.

Taylor Gonzalez DJ, et al. (2023) Intrinsic Disorder in the Human Tear Proteome. Investigative ophthalmology & visual science, 64(11), 14.

Antonietti M, et al. (2023) Intrinsic disorder in PRAME and its role in uveal melanoma. Cell communication and signaling : CCS, 21(1), 222.

So?tys K, et al. (2023) Phase separation propensity of the intrinsically disordered AB region of human RXR?. Cell communication and signaling : CCS, 21(1), 92.

Yao S, et al. (2023) Genome-Wide Identification and Characterization of the YTH Domain-Containing RNA-Binding Protein Family in Liriodendron chinense. International journal of molecular sciences, 24(20).

Vasovi? LM, et al. (2023) Intrinsically disordered proteins and liquid-liquid phase separation in SARS-CoV-2 interactomes. Journal of cellular biochemistry.

Djulbegovic MB, et al. (2022) Functional impact of titin (TTN) mutations in ocular surface squamous neoplasia. *International journal of biological macromolecules*, 195, 93.

Chepsergon J, et al. (2022) Short Linear Motifs (SLiMs) in "Core" RxLR Effectors of *Phytophthora parasitica* var. *nicotianae*: a Case of PpRxLR1 Effector. *Microbiology spectrum*, 10(2), e0177421.

Djulbegovic MB, et al. (2022) Intrinsic Disorder in BAP1 and Its Association with Uveal Melanoma. *Genes*, 13(10).

Djulbegovic M, et al. (2022) The aqueous humor proteome is intrinsically disordered. *Biochemistry and biophysics reports*, 29, 101202.

Hassan SS, et al. (2021) Implications derived from S-protein variants of SARS-CoV-2 from six continents. *International journal of biological macromolecules*, 191, 934.

Shamilov R, et al. (2021) Seeing Keratinocyte Proteins through the Looking Glass of Intrinsic Disorder. *International journal of molecular sciences*, 22(15).

Tan F, et al. (2021) Functional characterization of an unknown soybean intrinsically disordered protein in vitro and in *Escherichia coli*. *International journal of biological macromolecules*, 166, 538.