

Resource Summary Report

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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: software resource, web application

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: 20260801T190805+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 32 mentions in open access literature.

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

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

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*.

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.

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

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

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

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

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

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.

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.

Guo X, et al. (2021) In silico identification and experimental validation of cellular uptake and intracellular labeling by a new cell penetrating peptide derived from CDN1. *Drug delivery*, 28(1), 1722.

Parker R, et al. (2021) The Choice of Search Engine Affects Sequencing Depth and HLA Class I Allele-Specific Peptide Repertoires. *Molecular & cellular proteomics : MCP*, 20, 100124.

Goutham S, et al. (2020) Mutually exclusive locales for N-linked glycans and disorder in human glycoproteins. *Scientific reports*, 10(1), 6040.

Sołtys K, et al. (2020) Ordered structure-forming properties of the intrinsically disordered AB region of hRXR α and its ability to promote liquid-liquid phase separation. *The Journal of steroid biochemistry and molecular biology*, 198, 105571.

Páez-Pérez ED, et al. (2020) Bioinformatic Analysis and Biophysical Characterization Reveal Structural Disorder in G0S2 Protein. *ACS omega*, 5(40), 25841.

Wiśch A, et al. (2019) The intrinsically disordered C-terminal F domain of the ecdysteroid receptor from *Aedes aegypti* exhibits metal ion-binding ability. *The Journal of steroid biochemistry and molecular biology*, 186, 42.

Marondedze C, et al. (2019) Changes in the Arabidopsis RNA-binding proteome reveal novel stress response mechanisms. *BMC plant biology*, 19(1), 139.