Resource Summary Report

Generated by NIF on May 3, 2025

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

Funding:

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: 20250503T060459+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 30 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

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

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

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.

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.

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.

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

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

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

Wi?ch 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.

Marondedze C, et al. (2019) Drought Stress Causes Specific Changes to the Spliceosome and Stress Granule Components. Frontiers in molecular biosciences, 6, 163.

Barik S, et al. (2018) Bioinformatic Analysis Reveals Conservation of Intrinsic Disorder in the Linker Sequences of Prokaryotic Dual-family Immunophilin Chaperones. Computational and structural biotechnology journal, 16, 6.