

# Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 17, 2026

## AIMLESS

RRID:SCR\_015747

Type: Tool

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### Proper Citation

AIMLESS (RRID:SCR\_015747)

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### Resource Information

**URL:** <http://www.ccp4.ac.uk/html/aimless.html>

**Proper Citation:** AIMLESS (RRID:SCR\_015747)

**Description:** Data processing software for x-ray diffraction data. AIMLESS scales together multiple observations of reflections, and merges multiple observations into an average intensity.

**Resource Type:** data processing software, software application, software resource

**Defining Citation:** [PMID:23793146](#)

**Keywords:** xray, differentiation, observation, reflection, scaling, scale

**Availability:** Free, Available for download

**Resource Name:** AIMLESS

**Resource ID:** SCR\_015747

**Record Creation Time:** 20220129T080327+0000

**Record Last Update:** 20260912T200103+0000

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### Ratings and Alerts

No rating or validation information has been found for AIMLESS.

No alerts have been found for AIMLESS.

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### Data and Source Information

**Source:** [SciCrunch Registry](#)

## Usage and Citation Metrics

We found 571 mentions in open access literature.

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

Cooper A, et al. (2026) The Crystal Structure of Human Transport and Golgi Organization 2 Homolog (TANGO2) Protein Reveals an ????-Fold Arrangement. *Proteins*, 94(2), 515.

Sone K, et al. (2026) Crystal structure of plant ?-glutamyl peptidase 1: implications for sulfur metabolism and secondary metabolite biosynthesis. *The FEBS journal*, 293(5), 1400.

Hanuman DS, et al. (2026) Structural and biochemical insights into the inhibition of Mycobacterium tuberculosis cyclic dinucleotide phosphodiesterase by a sulfur-modified cyclic dinucleotide analog. *RSC chemical biology*, 7(5), 880.

Simões RSM, et al. (2026) Nuncatalytic surface electrostatic networks tune thermolability in uracil-DNA glycosylase. *The Journal of biological chemistry*, 302(7), 113212.

Todorovi? N, et al. (2026) Major Cat Allergen Fel d 4: Structure and Identification of a Cross-Reactive IgE-Epitope-Containing Area. *Allergy*, 81(4), 1075.

Wei ZW, et al. (2026) Crystal structure of RohS, a heme-oxygenase-like N-oxygenase from azomycin biosynthesis. *The Journal of biological chemistry*, 302(5), 111389.

Román-Trufero M, et al. (2026) A Novel Potent and Selective GCN2 Inhibitor, APL-4098, Has Antileukemic Activity through Dysregulation of Mitochondrial Function. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(9), 1846.

Mavridi D, et al. (2026) Targeting the p53 cancer mutants Y220C, Y220N, and Y220S with the small-molecule stabilizer rezatapopt. *Cell death & disease*, 17(1).

Greco FA, et al. (2026) Identification and Validation of 3-Cyano-Quinoline Ligands Targeting Integrin-Linked Kinase (ILK). *Journal of medicinal chemistry*, 69(11), 12982.

Virta JM, et al. (2026) Restoring the 14-3-3/CRAF regulatory interaction in Noonan syndrome using molecular glues. *Proceedings of the National Academy of Sciences of the United States of America*, 123(18), e2602101123.

Lee E, et al. (2026) Streptococcus pneumoniae HtrA is a dynamic and monomeric virulence factor capable of forming larger oligomeric complexes. *Protein science : a publication of the Protein Society*, 35(1), e70411.

Janetzky M, et al. (2026) AcuB senses cellular energy charge to coordinate acetyl-CoA synthesis in bacteria. *Nature communications*, 17(1).

Alam N, et al. (2026) Structure-guided design of a PfCyRPA-based vaccine against blood-stage malaria. *EMBO molecular medicine*, 18(3), 873.

Verma S, et al. (2026) Structural insights into PFAS- $\gamma$ -lactoglobulin binding mechanism mediating PFAS toxicity. bioRxiv : the preprint server for biology.

Rincón TC, et al. (2026) Human antibodies against West Nile and related orthoflaviviruses. bioRxiv : the preprint server for biology.

de Lange EMF, et al. (2026) Competition between binding partners of yeast Pex3 affects peroxisome biology. The FEBS journal, 293(1), 175.

Wei Q, et al. (2026) Discovery of Spiro[chromane-2,4'-piperidine] Derivatives as Irreversible Inhibitors of SARS-CoV-2 Papain-like Protease. Journal of medicinal chemistry, 69(3), 3588.

Rajeshwari R, et al. (2026) Potent and selective indole-based inhibitors targeting disease-transmitting mosquitoes. RSC medicinal chemistry, 17(2), 1166.

Firth S, et al. (2026) AccA from *Neisseria gonorrhoeae* provides a new framework for understanding periplasmic copper metallochaperones. Chemical science, 17(18), 9270.

Betancourt D, et al. (2026) Conformational gating governs nucleotide incorporation by a DNA-crosslinked polymerase. Nucleic acids research, 54(10).