

Resource Summary Report

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XDS Program Package

RRID:SCR_015652

Type: Tool

Proper Citation

XDS Program Package (RRID:SCR_015652)

Resource Information

URL: <http://xds.mpimf-heidelberg.mpg.de/>

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Description: Software for x-ray detection and processing single-crystal monochromatic diffraction data recorded by the rotation method. XDS can process data images from CCD-, imaging-plate-, multiwire-, and pixel-detectors in a variety of formats.

Abbreviations: XDS

Synonyms: XDS, XDS Package

Resource Type: data processing software, image processing software, software application, software resource, software toolkit

Keywords: x-ray detection, monochromatic diffraction, single-crystal, image processing, multi-segment detector, nfs environment

Availability: Free, Available for download, License required for commercial use, Runs on Linux, Runs on Mac OS

Resource Name: XDS Program Package

Resource ID: SCR_015652

Alternate URLs: <https://strucbio.biologie.uni-konstanz.de/xdswiki/index.php/Xds>

Record Creation Time: 20220129T080326+0000

Record Last Update: 20260829T182459+0000

Ratings and Alerts

No rating or validation information has been found for XDS Program Package.

No alerts have been found for XDS Program Package.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 334 mentions in open access literature.

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

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.

Charaka V, et al. (2026) HP1? recruits RING1A to ubiquitinate histone H2A for BRCA1-mediated resection of double-strand breaks. *iScience*, 29(2), 114582.

Cervantes Rincón T, et al. (2026) Analysis of West Nile disease convalescents identifies human monoclonal antibodies protective against West Nile and related orthoflaviviruses. *Immunity*, 59(7), 2015.

Orkwis JA, et al. (2026) Helminth proteins recapitulate key structural motifs of MIF to facilitate immunomodulation of host receptors. *iScience*, 29(7), 116513.

Besaw JE, et al. (2026) Structural characterization of the Cu(II)-NTA spin label on α -helices by X-ray crystallography and electron paramagnetic resonance. *Structure (London, England : 1993)*, 34(4), 645.

Esdar C, et al. (2025) M4205 (IDRX-42) Is a Highly Selective and Potent Inhibitor of Relevant Oncogenic Driver and Resistance Variants of KIT in Cancer. *Molecular cancer therapeutics*, 24(7), 1040.

Benjamin JS, et al. (2025) 23ME-01473, an Fc Effector-Enhanced Anti-ULBP6/2/5 Antibody, Restores NK Cell-Mediated Antitumor Immunity through NKG2D and Fc γ RIIIa Activation. *Cancer research communications*, 5(3), 476.

Tangpeerachaikul A, et al. (2025) Zidesamtinib Selective Targeting of Diverse ROS1 Drug-Resistant Mutations. *Molecular cancer therapeutics*, 24(7), 1005.

Raig ND, et al. (2025) Type-II kinase inhibitors that target Parkinson's Disease-associated LRRK2. *bioRxiv : the preprint server for biology*.

Le Bas A, et al. (2025) Structure of Wzx the lipid III flippase for Enterobacterial Common Antigen polysaccharide. *Open biology*, 15(1), 240310.

Markusson S, et al. (2025) Nanobodies against the myelin enzyme CNPase as tools for structural and functional studies. *Journal of neurochemistry*, 169(1), e16274.

Nakazawa Y, et al. (2025) Structure and function of a β -1,2-galactosidase from *Bacteroides xylanisolvens*, an intestinal bacterium. *Communications biology*, 8(1), 66.

Raig ND, et al. (2025) Type II kinase inhibitors that target Parkinson's disease-associated LRRK2. *Science advances*, 11(23), eadt2050.

Yudenko A, et al. (2025) Structural basis of signaling complex inhibition by IL-6 domain-swapped dimers. *Structure (London, England : 1993)*, 33(1), 171.

Machner L, et al. (2025) Mechanism of SHP2 activation by bis-Tyr-phosphorylated Gab1. *Structure (London, England : 1993)*.

Hulin-Curtis S, et al. (2024) A targeted single mutation in influenza A virus universal epitope transforms immunogenicity and protective immunity via CD4⁺ T cell activation. *Cell reports*, 43(6), 114259.

Ray R, et al. (2024) Eliciting a single amino acid change by vaccination generates antibody protection against group 1 and group 2 influenza A viruses. *Immunity*, 57(5), 1141.

Nishio S, et al. (2024) ZP2 cleavage blocks polyspermy by modulating the architecture of the egg coat. *Cell*, 187(6), 1440.

Pinkas DM, et al. (2024) A BTB extension and ion-binding domain contribute to the pentameric structure and TFAP2A binding of KCTD1. *Structure (London, England : 1993)*, 32(10), 1586.

Ren X, et al. (2023) Structural basis for ATG9A recruitment to the ULK1 complex in mitophagy initiation. *Science advances*, 9(7), eadg2997.