

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

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/>

Proper Citation: XDS Program Package (RRID:SCR_015652)

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

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: 20260801T190526+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 328 mentions in open access literature.

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

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 FcγRIIIa 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.

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.

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

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

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

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

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.

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.

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

Chen Y, et al. (2023) Structural definition of HLA class II-presented SARS-CoV-2 epitopes reveals a mechanism to escape pre-existing CD4+ T cell immunity. *Cell reports*, 42(8), 112827.

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

Thai E, et al. (2023) Molecular determinants of cross-reactivity and potency by VH3-33 antibodies against the *Plasmodium falciparum* circumsporozoite protein. *Cell reports*, 42(11), 113330.

Ray S, et al. (2023) High-resolution structures with bound Mn²⁺ and Cd²⁺ map the metal import pathway in an Nramp transporter. *eLife*, 12.

Healy MD, et al. (2023) Structure of the endosomal Commander complex linked to Ritscher-Schinzel syndrome. *Cell*, 186(10), 2219.

Motouchi S, et al. (2023) Identification of enzymatic functions of osmo-regulated periplasmic glucan biosynthesis proteins from *Escherichia coli* reveals a novel glycoside hydrolase family. *Communications biology*, 6(1), 961.

Hara M, et al. (2023) Centromere/kinetochore is assembled through CENP-C oligomerization. *Molecular cell*, 83(13), 2188.