Resource Summary Report

Generated by T1D on Sep 20, 2026

HKL 3000

RRID:SCR_015023
Type: Tool

Proper Citation

HKL 3000 (RRID:SCR_015023)

Resource Information

URL: http://hkl-xray.com/

Proper Citation: HKL 3000 (RRID:SCR_015023)

Description: Semi-automatic crystallographic data collection software that integrates data collection, data reduction, phasing and model building in a single software package.

Synonyms: HKL-3000, HLK3000, HKL 3000R, HKL-3000R, HKL3000R

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

Defining Citation: PMID:16855301

Keywords: crystallography, crystallographic data collection, software package, hardware management software

Availability: License required

Resource Name: HKL 3000

Resource ID: SCR_015023

Alternate URLs: https://www.rigaku.com/en/products/protein/hkl3000r

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260919T195305+0000

Ratings and Alerts

No rating or validation information has been found for HKL 3000.

No alerts have been found for HKL 3000.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 182 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

??zden C, et al. (2022) CaMKII binds both substrates and activators at the active site. Cell reports, 40(2), 111064.

Wang B, et al. (2022) YihE is a novel binding partner of Rho and regulates Rho-dependent transcription termination in the Cpx stress response. iScience, 25(12), 105483.

Horton JR, et al. (2022) Structural characterization of dicyanopyridine containing DNMT1-selective, non-nucleoside inhibitors. Structure (London, England : 1993), 30(6), 793.

Ki N, et al. (2022) Isocitrate binds to the itaconic acid-responsive LysR-type transcriptional regulator RipR in Salmonella pathogenesis. The Journal of biological chemistry, 298(11), 102562.

Mays SG, et al. (2022) A phospholipid mimetic targeting LRH-1 ameliorates colitis. Cell chemical biology, 29(7), 1174.

Tang L, et al. (2022) Structural basis of SARS-CoV-2 and its variants binding to intermediate horseshoe bat ACE2. International journal of biological sciences, 18(12), 4658.

Kim S, et al. (2021) Leucine-sensing mechanism of leucyl-tRNA synthetase 1 for mTORC1 activation. Cell reports, 35(4), 109031.

Chen X, et al. (2021) Vaccination induces maturation in a mouse model of diverse unmutated VRC01-class precursors to HIV-neutralizing antibodies with >50% breadth. Immunity, 54(2), 324.

Li J, et al. (2021) Structural study of the N-terminal domain of human MCM8/9 complex. Structure (London, England : 1993), 29(10), 1171.

Kim S, et al. (2021) Protocol for improving diffraction quality of leucyl-tRNA synthetase 1 with methylation and post-crystallization soaking and cooling in cryoprotectants. STAR protocols, 2(3), 100642.

Lim SM, et al. (2021) Structures of FHOD1-Nesprin1/2 complexes reveal alternate binding modes for the FH3 domain of formins. Structure (London, England : 1993), 29(6), 540.

Cottrell CA, et al. (2021) Structural basis of glycan276-dependent recognition by HIV-1 broadly neutralizing antibodies. Cell reports, 37(5), 109922.

Estes B, et al. (2021) Next generation Fc scaffold for multispecific antibodies. iScience, 24(12), 103447.

Dawson CD, et al. (2021) Molecular basis of C-S bond cleavage in the glycyl radical enzyme isethionate sulfite-lyase. Cell chemical biology, 28(9), 1333.

Liang X, et al. (2021) CIB2 and CIB3 are auxiliary subunits of the mechanotransduction channel of hair cells. Neuron, 109(13), 2131.

Zhang Y, et al. (2021) Crystal structure of the PDZ4 domain of MAGI2 in complex with PBM of ARMS reveals a canonical PDZ recognition mode. Neurochemistry international, 149, 105152.

Hudson JD, et al. (2021) A complete Protocadherin-19 ectodomain model for evaluating epilepsy-causing mutations and potential protein interaction sites. Structure (London, England : 1993), 29(10), 1128.

Wang J, et al. (2021) Molecular and structural basis of olfactory sensory neuron axon coalescence by Kirrel receptors. Cell reports, 37(5), 109940.

Murin CD, et al. (2021) Convergence of a common solution for broad ebolavirus neutralization by glycan cap-directed human antibodies. Cell reports, 35(2), 108984.

Wan T, et al. (2021) Structural insights into the functional divergence of WhiB-like proteins in Mycobacterium tuberculosis. Molecular cell, 81(14), 2887.