

Single mimivirus particles intercepted and imaged with an X-ray laser - CXIDB ID1

SND-ID: ext0308-1.

Creator/Principal investigator(s)

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Description

These are the files used to reconstruct the images in the paper "Single Mimivirus particles intercepted and imaged with an X-ray laser" (2011).

Besides the diffracted intensities, the Hawk configuration files used for the reconstructions are also provided.

More information and data at Coherent X-ray Imaging Data Bank.

The files used to reconstruct the images in the paper "Single Mimivirus particles intercepted and imaged with an X-ray laser" (2011).

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The files from CXIDB ID 1 are the pattern and configuration files for the pattern showed in Figure 2a in the paper.

Data format / data structure

[Still image](#)

Responsible department/unit

Department of Cell and Molecular Biology

Identifiers

DOI: <https://doi.org/10.11577/1096903>

Research area

[Atom and molecular physics and optics](#) (Standard för svensk indelning av forskningsämnen 2011)

[Structural biology](#) (Standard för svensk indelning av forskningsämnen 2011)

Keywords

[Xfel \(free electron laser facility\)](#)

Publications

Seibert, M., Ekeberg, T., Maia, F. et al. Single mimivirus particles intercepted and imaged with an X-

ray laser. Nature 470, 78-81 (2011) doi:10.1038/nature09748

DOI: <https://doi.org/10.1038/nature09748>

Accessibility level

Access to data through an external actor

Data are freely accessible

Homepage

[Coherent X-ray Imaging Data Bank](#)

Download metadata

[DataCite](#)

[DDI 2.5](#)

[DDI 3.3](#)

[DCAT-AP-SE 2.0](#)

[JSON-LD](#)

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