

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

UCSF ChimeraX

RRID:SCR_015872

Type: Tool

Proper Citation

UCSF ChimeraX (RRID:SCR_015872)

Resource Information

URL: <https://www.cgl.ucsf.edu/chimerax/>

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Description: Software for 3D/4D image reconstruction. UCSF ChimeraX is the next-generation molecular visualization program from the Resource for Biocomputing, Visualization, and Informatics (RBVI), following UCSF Chimera.

Synonyms: ChimeraX

Resource Type: software resource, 3d visualization software, software application, 4d visualization software, data visualization software, data processing software

Keywords: 3d, 4d, image reconstruction, molecular visualization, biocomputing, informatics, rbvi, ucsf, chimera

Funding: NIGMS P41 GM103311

Resource Name: UCSF ChimeraX

Resource ID: SCR_015872

License: UCSF ChimeraX Non-Commercial Software License Agreement

License URLs: <http://www.rbvi.ucsf.edu/chimerax/docs/license.html>

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260808T190026+0000

Ratings and Alerts

No rating or validation information has been found for UCSF ChimeraX.

No alerts have been found for UCSF ChimeraX.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2366 mentions in open access literature.

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

Lissner R, et al. (2026) A new role for lipoproteins LpqZ and FecB in orchestrating mycobacterial cell envelope biogenesis. *mBio*, 17(1), e0211925.

Srivastava S, et al. (2026) Development of a Thermostable and Broadly Neutralizing Pan-Sarbecovirus Vaccine Candidate. *ACS infectious diseases*, 12(1), 104.

Muthachikavil AV, et al. (2026) Computational Characterization of the Role of LEM2/LaminA Interactions on the Stability of BAF-Dimer Using Molecular Simulations. *Proteins*, 94(5), 1104.

Dai Q, et al. (2026) Manipulation of Wnt/ β -Catenin Signaling by Synthetic Frizzled Agonist and LRP Antagonist in Organoid Cultures and In Vivo. *Small methods*, 10(2), e2500425.

McCool RS, et al. (2026) Structure and immunogenicity of an engineered soluble prefusion-stabilized EBV gB antigen. *Nature communications*, 17(1), 1197.

Waddey BT, et al. (2026) Neutralizing human monoclonal antibodies to poliovirus map to the receptor binding site. *Nature communications*, 17(1), 1512.

AlAhmari FM, et al. (2026) An Oxygen-Releasing Mouthwash Reduces *Porphyromonas gingivalis* Biofilm and Suppresses fimA and hagA Expression. *International dental journal*, 76(2), 109432.

Watanabe Y, et al. (2026) Intra-patient neuraminidase mutations in avian H5N1 influenza virus reduce sialidase activity to complement weaker hemagglutinin binding and facilitate human infection. *PLoS pathogens*, 22(1), e1013863.

Ding S, et al. (2026) Structural basis of CSN-mediated SCF deneddylation. *Nature communications*, 17(1), 951.

Abdelwahid MAS, et al. (2026) Diastereomeric Branched-Ester dBET1 Analogs Exhibit Conformation-Dependent Differences in Passive Membrane Permeability. *Journal of medicinal chemistry*, 69(3), 2900.

Vaitkevicius K, et al. (2026) The DinG exonuclease acts as a primary quality controller to remove unprocessed ribosomal RNAs. *Nucleic acids research*, 54(1).

Pisil Y, et al. (2026) Structural Adaptability of IgA and IgM Supports Broad SARS-CoV-2 Variant Neutralization. *Journal of medical virology*, 98(1), e70790.

Drobni T, et al. (2026) Molecular structure of the ESCRT-III-based archaeal CdvAB cell division machinery. *Proceedings of the National Academy of Sciences of the United States of America*, 123(3), e2525941123.

Tahiri G, et al. (2026) Coordinated gene family evolution shapes the genome of dimorphic *Mucorales*. *Nature communications*, 17(1).

Kärcher A, et al. (2026) The metabolic dysfunction-associated steatohepatitis (MASH) drug resmetirom exhibits broad nuclear receptor activity with minimal functional impact. *Scientific reports*, 16(1), 4083.

Utami N, et al. (2026) Integrative Computational and Transcriptional Analysis of NF- κ B and HIF-1 α Modulation Following Doxorubicin Treatment in Triple-Negative Breast Cancer Cells. *Journal of experimental pharmacology*, 18, 576572.

Zhang C, et al. (2026) De novo nucleotide biosynthesis and its dynamic regulation are crucial for systemic infection by extraintestinal *Escherichia coli*. *PLoS pathogens*, 22(1), e1013889.

Du Y, et al. (2026) Psyllid Cysteine Cathepsins Directly Cleave the Outer Membrane Protein BamD of Citrus Huanglongbing Pathogen. *Plant biotechnology journal*, 24(6), 3989.

Mestre Borrás A, et al. (2026) Engineering affibody domains as anti-idiotypic masks for nivolumab-based prodrugs. *Protein engineering, design & selection : PEDS*, 39.

Sanders S, et al. (2026) The MHV-68 nuclear egress complex supports C-capsid selective capsid egress. *Journal of virology*, 100(5), e0007226.