

Resource Summary Report

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Chimera

RRID:SCR_002959

Type: Tool

Proper Citation

Chimera (RRID:SCR_002959)

Resource Information

URL: <http://www.bioconductor.org/packages/release/bioc/html/chimera.html>

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Description: A Bioconductor package that organizes, annotates, analyses and validates fusions reported by different fusion detection tools. The current implementation can deal with output from bellerophon, chimeraScan, deFuse, fusionCatcher, FusionFinder, FusionHunter, FusionMap, mapSplice, Rsubread, tophat-fusion, tophat-fusion-post and STAR. The core of Chimera is a fusion data structure that can store fusion events detected with any of the aforementioned tools.

Synonyms: chimera - A package for secondary analysis of fusion products

Resource Type: software resource

Defining Citation: [PMID:25286921](#)

Keywords: software package, unix/linux, mac os x, windows, r, infrastructure

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Chimera

Resource ID: SCR_002959

Alternate IDs: OMICS_06335

License: Artistic License, v2

Record Creation Time: 20220129T080216+0000

Record Last Update: 20260912T195549+0000

Ratings and Alerts

No rating or validation information has been found for Chimera.

No alerts have been found for Chimera.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 419 mentions in open access literature.

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

Pathak RK, et al. (2026) A Computational Framework to Evaluate Interactions of BPA and Its Analogs with Human Liver X Receptor-Beta for Health Risk Assessment. Chemical research in toxicology, 39(3), 361.

Gan Q, et al. (2026) Mitochondrial DNA drives NLRP3-IL-1 β axis activation in microglia by binding to NLRP3, leading to neurodegeneration in Parkinson's disease models. Cell death & disease, 17(1), 213.

Yang L, et al. (2026) Computational evolution of poly(U) polymerase for efficient and controlled RNA oligonucleotide synthesis. Nucleic acids research, 54(3).

Shahatibieke D, et al. (2026) Molecular recognition and induced dimerization of hnRNP A2/B1 truncations by G-quadruplex single strand DNA. Scientific reports, 16(1).

Brignoli D, et al. (2026) A synthetic microbial community for soybean biofertilization designed via chlorophyll-based iterative selection. Applied and environmental microbiology, 92(5), e0254825.

Kay DF, et al. (2026) Mapping Phosphorylation-Specific Pin1-CRMP2 Interactions Using an Integrated Mass Spectrometry Approach. ACS chemical biology, 21(6), 1487.

Azarmi M, et al. (2026) Molecular docking, synthesis, and cytotoxic evaluation of novel quinazoline-quinazolinone hybrid compounds. Research in pharmaceutical sciences, 21(3), 375.

Alvarez-Ricardo Y, et al. (2026) Synthesis, Characterization, and Anticancer Activity of Vanadium (III) Complexes With Pyridyl-Triazole Ligands. Bioinorganic chemistry and applications, 2026, 2823543.

Alharbi KS, et al. (2026) Oxyphenbutazone improves memory and learning impairments in LPS-induced neurotoxicity via modulating TGF- β /NF- κ B pathways: In silico and in vivo study. PloS one, 21(1), e0337611.

Cleveland ME, et al. (2026) Toward the Bioremediation of Nylon Waste Materials: Genome Mining Leads to the Identification of a Thermostable Laurolactamase From Thermopolyspora flexuosa. ChemSusChem, 19(1), e202501964.

Bernhard SM, et al. (2026) Mechanistic insights into the therapeutic properties of delta opioid receptor. *Science advances*, 12(13), eaeb6737.

Wu CC, et al. (2026) Both semi-dwarf and photoperiod-insensitive traits in rice were important for the Green Revolution. *Botanical studies*, 67(1).

Emus Medina A, et al. (2026) Unveiling the Antidiabetic Potential of *Parmentiera edulis*: From Polyphenols to Molecular Interaction. *Metabolites*, 16(2).

Allahgholi L, et al. (2026) Characterization of a GH17 laminarinase, MIGH17A, from a laminarin polysaccharide utilization locus in the marine bacterium *Muricauda luteonensis*. *Applied and environmental microbiology*, 92(5), e0014126.

Valdivia C, et al. (2026) Isolation and characterization of broad-range *Staphylococcus epidermidis* sephoviruses. *Microbiology (Reading, England)*, 172(5).

Beigh S, et al. (2026) Ginkgolide as a Promising Multi-Target Therapeutic for Alzheimer's Disease: Targeting ApoE4 and Beyond. *Current pharmaceutical design*, 32(15), 1200.

Yang M, et al. (2026) Structural and functional bases of *F. rodentium* Cas9 provide insights into CRISPR-Cas protein engineering. *Cell genomics*, 6(1), 101039.

Maestro-López M, et al. (2026) Structures of the 26S proteasome in complex with the Hsp70 co-chaperone Bag1 reveal a mechanism for direct substrate transfer. *Science advances*, 12(8), eadz3026.

Li C, et al. (2026) Structural Activation of DNA Unwinding by MCM8/9/HROB. *bioRxiv : the preprint server for biology*.

Damaceno NdS, et al. (2026) Synergistic effects of ceftriaxone combined with BLI-489 against NDM-producing *Klebsiella pneumoniae*. *Microbiology spectrum*, 14(4), e0157525.