

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: 20260801T190159+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 377 mentions in open access literature.

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

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.

Lupton CJ, et al. (2026) Structure of the lysosomal KICSTOR-GATOR1-SAMTOR nutrient-sensing supercomplex. *Cell*.

Syed RU, et al. (2025) Effect of cubebin against streptozotocin-induced diabetic nephropathy rats via inhibition TNF- α /NF- κ B/TGF- β : in vivo and in silico study. *Scientific reports*, 15(1), 4369.

Hu J, et al. (2025) Establishing a universal IVRP method for quadrivalent HPV vaccines to replace in vivo potency tests. *NPJ vaccines*, 10(1), 55.

Guío J, et al. (2025) NsrM (AlI0345) and NsrX (Alr1976), two FurC (PerR)-targeted transcriptional regulators, modulate nitrogen metabolism and heterocyst differentiation genes in the cyanobacterium *Anabaena* sp. strain PCC 7120. *Microbiology spectrum*, 13(11), e0231125.

Brunchault MR, et al. (2025) Proteomics-based characterization of ribosome heterogeneity in adult mouse organs. *Cellular and molecular life sciences : CMLS*, 82(1), 175.

Fegade BS, et al. (2025) Design, synthesis, molecular docking and molecular dynamics studies of some 3-methoxy flavone derivatives as an anti-breast cancer agent. *Discover oncology*, 16(1), 773.

Chen S, et al. (2025) The RING-finger domain of Arabidopsis RMR functions as an E3 ligase essential for post-Golgi trafficking. *The Journal of biological chemistry*, 301(10), 110721.

Wiser LS, et al. (2025) A precise metallicity and carbon-to-oxygen ratio for a warm giant exoplanet from its panchromatic JWST emission spectrum. *Proceedings of the National Academy of Sciences of the United States of America*, 122(39), e2416193122.

Yilmaz B, et al. (2025) Synthesis, Molecular Docking, and Biological Studies of New Naphthalene-1,4-Dione-Linked Phenylpiperazine and Thioether. *Chemistry & biodiversity*,

22(11), e00774.

Gong R, et al. (2025) Fascin structural plasticity mediates flexible actin bundle construction. *Nature structural & molecular biology*, 32(5), 940.

Sun S, et al. (2025) Intraflagellar transport trains can switch rails and move along multiple microtubules in intact primary cilia. *Proceedings of the National Academy of Sciences of the United States of America*, 122(16), e2413968122.

Shiravi S, et al. (2025) A systems biology approach to identify key targets in KRAS/BRAF-mutated colorectal cancer. *Discover oncology*, 16(1), 2130.

Syed RU, et al. (2025) In vivo, in silico effects of sakuranetin as a multi-target nutraceutical against PTZ-induced seizures via GABA restoration and BDNF/TrkB activation. *Scientific reports*, 15(1), 45691.

Mirkin FG, et al. (2025) Effector innovation in genome-reduced phytoplasmas and other host-dependent mollicutes. *PLoS genetics*, 21(11), e1011946.

Tsang CH, et al. (2025) Identification and molecular characterization of missense mutations in orphan G protein-coupled receptor GPR61 occurring in severe obesity. *Molecular pharmacology*, 107(4), 100026.

Wilson JS, et al. (2025) Molecular mechanism of bacteriophage contraction structure of an S-layer-penetrating bacteriophage. *Life science alliance*, 8(6).

Wien F, et al. (2025) Amyloid-like DNA bridging: a new mode of DNA shaping. *Nucleic acids research*, 53(5).

Hosseini Faradonbeh SM, et al. (2025) Structural insights into SOD1: from in silico and molecular dynamics to experimental analyses of ALS-associated E49K and R115G mutants. *Frontiers in molecular biosciences*, 12, 1532375.

Li X, et al. (2025) Characterization of fatty acid desaturase gene family in *Glycine max* and their expression patterns in seeds after *Fusarium fujikuroi* infection. *Frontiers in plant science*, 16, 1540003.