

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: 20260725T190535+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 [kravitz2](#) .

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*.

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.

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.

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.

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.

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.

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.

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.

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.

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

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

Kropp A, et al. (2025) Quinone extraction drives atmospheric carbon monoxide oxidation in bacteria. *Nature chemical biology*, 21(7), 1058.

Jatzlau J, et al. (2025) Rare but specific: 5-bp composite motifs define SMAD binding in BMP signaling. *BMC biology*, 23(1), 79.

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

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.

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.