Resource Summary Report

Generated by dkNET on May 17, 2025

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 bellerophontes, 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

Funding:

Availability: Artistic License, v2

Resource Name: Chimera

Resource ID: SCR_002959

Alternate IDs: OMICS_06335

Record Creation Time: 20220129T080216+0000

Record Last Update: 20250420T014132+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 291 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Kaewjiw N, et al. (2025) Domperidone inhibits dengue virus infection by targeting the viral envelope protein and nonstructural protein 1. Scientific reports, 15(1), 3817.

Marques PH, et al. (2024) Design of a Multi-Epitope Vaccine against Histoplasma capsulatum through Immunoinformatics Approaches. Journal of fungi (Basel, Switzerland), 10(1).

Tian L, et al. (2024) Dark and Dronc activation in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 121(9), e2312784121.

Elias E, et al. (2024) Coloring Outside the Lines: Exploiting Pigment-Protein Synergy for Far-Red Absorption in Plant Light-Harvesting Complexes. Journal of the American Chemical Society, 146(5), 3508.

Agostini L, et al. (2024) Structural insights into SSNA1 self-assembly and its microtubule binding for centriole maintenance. bioRxiv : the preprint server for biology.

Ren L, et al. (2024) A novel variant c.902C>A (p. A301D) in KCNQ4 associated with non-syndromic deafness 2A in a Chinese family. Molecular genetics & genomic medicine, 12(7), e2446.

Li H, et al. (2024) Foot-and-mouth disease virus antigenic landscape and reduced immunogenicity elucidated in atomic detail. Nature communications, 15(1), 8774.

Hossain MA, et al. (2024) Evaluating protein cross-linking as a therapeutic strategy to stabilize SOD1 variants in a mouse model of familial ALS. PLoS biology, 22(1), e3002462.

Powell D, et al. (2024) Sulfur dioxide in the mid-infrared transmission spectrum of WASP-39b. Nature, 626(8001), 979.

Yousaf A, et al. (2024) Identification of rare missense variants in the BSN gene co-segregating with chronic otitis media in a consanguineous Pakistani family. Molecular genetics & genomic medicine, 12(9), e2478.

Macé K, et al. (2024) Cryo-EM structure of a conjugative type IV secretion system suggests a molecular switch regulating pilus biogenesis. The EMBO journal, 43(15), 3287.

Amlerova Z, et al. (2024) Reactive gliosis in traumatic brain injury: a comprehensive review. Frontiers in cellular neuroscience, 18, 1335849.

Vimal SR, et al. (2024) Paddy seeds bacterization with ACC deaminase producing endophyte Alcaligenes faecalis SSP8 regulates physiology, leaves gas exchange parameters, PSII photochemistry and antioxidant enzymes metabolism in NaCl stressed seedlings. Current research in microbial sciences, 7, 100299.

Cárdenas Parra LY, et al. (2024) Molecular Evaluation of the mRNA Expression of the ERG11, ERG3, CgCDR1, and CgSNQ2 Genes Linked to Fluconazole Resistance in Candida glabrata in a Colombian Population. Journal of fungi (Basel, Switzerland), 10(7).

Almalki NAR, et al. (2024) Protective activity of hirsutidin in high-fat intake and streptozotocin-induced diabetic rats: In silico and in vivo study. Heliyon, 10(19), e38625.

Kolesnikov ES, et al. (2024) Implicit Solvent with Explicit Ions Generalized Born Model in Molecular Dynamics: Application to DNA. Journal of chemical theory and computation, 20(19), 8724.

Sarma PAP, et al. (2024) Cooperative dynamics of PARP-1 zinc-finger domains in the detection of DNA single-strand breaks. Scientific reports, 14(1), 23257.

Cantini F, et al. (2023) Structural and Functional Characterization of the Newly Designed Antimicrobial Peptide Crabrolin21. Membranes, 13(3).

Zhang Y, et al. (2023) Broad protective RBD heterotrimer vaccines neutralize SARS-CoV-2 including Omicron sub-variants XBB/BQ.1.1/BF.7. PLoS pathogens, 19(9), e1011659.

Palanisamy CP, et al. (2023) Nigella sativa L. seed extracts promote wound healing progress by activating VEGF and PDGF signaling pathways: An in vitro and in silico study. F1000Research, 12, 436.