Resource Summary Report

Generated by T1D on Aug 1, 2026

GenomeSpace

RRID:SCR_014967
Type: Tool

Proper Citation

GenomeSpace (RRID:SCR_014967)

Resource Information

URL: http://genomespace.org

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Description: Interoperability framework which supports integrative genomics analysis via access to various bioinformatics tools. Rather than performing analyses itself, GenomeSpace acts as a hub for data from supported bioinformatics tools and reformats data and results when necessary.

Resource Type: software resource, software application, systems interoperability software

Defining Citation: PMID:26780094

Keywords: systems interoperability software, framework, interoperability, bioinformatics, genomics, integrative genomics, genome analysis, cloud

Funding: Amazon Web Services ;
NHGRI P01 HG005062;
NHGRI HG007517

Availability: Open source

Resource Name: GenomeSpace

Resource ID: SCR_014967

License: GNU LGPL license

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260801T042742+0000

Ratings and Alerts

No rating or validation information has been found for GenomeSpace.

No alerts have been found for GenomeSpace.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Nyberg WA, et al. (2023) The bromodomain protein TRIM28 controls the balance between growth and invasiveness in melanoma. EMBO reports, 24(1), e54944.

Carlström KE, et al. (2020) Gsta4 controls apoptosis of differentiating adult oligodendrocytes during homeostasis and remyelination via the mitochondria-associated Fas-Casp8-Bid-axis. Nature communications, 11(1), 4071.

Gevaert O, et al. (2020) Imaging-AMARETTO: An Imaging Genomics Software Tool to Interrogate Multiomics Networks for Relevance to Radiography and Histopathology Imaging Biomarkers of Clinical Outcomes. JCO clinical cancer informatics, 4, 421.

Pelekanou V, et al. (2019) Estrogen receptor-alpha isoforms are the main estrogen receptors expressed in non-small cell lung carcinoma. Steroids, 142, 65.

Riahi Y, et al. (2018) Inhibition of mTORC1 by ER stress impairs neonatal ?-cell expansion and predisposes to diabetes in the Akita mouse. eLife, 7.

Carlin D, et al. (2017) A multi-tool recipe to identify regions of protein-DNA binding and their influence on associated gene expression. F1000Research, 6, 784.

Qu K, et al. (2016) Integrative genomic analysis by interoperation of bioinformatics tools in GenomeSpace. Nature methods, 13(3), 245.

Makanae K, et al. (2015) Small toxic protein encoded on chromosome VII of Saccharomyces cerevisiae. PloS one, 10(3), e0120678.

Zagalak JA, et al. (2015) Properties of short double-stranded RNAs carrying randomized base pairs: toward better controls for RNAi experiments. RNA (New York, N.Y.), 21(12), 2132.

Winawer MR, et al. (2014) A locus on mouse Ch10 influences susceptibility to limbic seizure severity: fine mapping and in silico candidate gene analysis. Genes, brain, and behavior, 13(3), 341.

Benitez CM, et al. (2014) An integrated cell purification and genomics strategy reveals multiple regulators of pancreas development. PLoS genetics, 10(10), e1004645.