

Resource Summary Report

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OmicsSIMLA

RRID:SCR_017011

Type: Tool

Proper Citation

OmicsSIMLA (RRID:SCR_017011)

Resource Information

URL: <https://omicssimla.sourceforge.io>

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Description: Software tool for generating multi omics data with disease status. Simulates genomics (SNPs and copy number variations), epigenomics (whole genome bisulphite sequencing), transcriptomics (RNA seq), and proteomics (normalized reverse phase protein array) data at the whole genome level. Available as desktop and web application version.

Resource Type: simulation software, software application, software resource, software toolkit

Defining Citation: [DOI:10.1101/426510](https://doi.org/10.1101/426510)

Keywords: multi, omics, data, simulator, disease, genomic, epigenomic, transcriptomic, proteomic, genome, sequencing, protein, RNA

Funding: Ministry of Science and Technology in Taiwan

Availability: Freely available, Available to download, Free

Resource Name: OmicsSIMLA

Resource ID: SCR_017011

Alternate IDs: OMICS_31363

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260912T195847+0000

Ratings and Alerts

No rating or validation information has been found for OmicsSIMLA.

No alerts have been found for OmicsSIMLA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Chung RH, et al. (2019) A multi-omics data simulator for complex disease studies and its application to evaluate multi-omics data analysis methods for disease classification. GigaScience, 8(5).