

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 28, 2026

## OmicsSIMLA

RRID:SCR\_017011

Type: Tool

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### Proper Citation

OmicsSIMLA (RRID:SCR\_017011)

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### Resource Information

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

**Proper Citation:** OmicsSIMLA (RRID:SCR\_017011)

**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:** software application, simulation software, 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:** 20260728T043524+0000

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### Ratings and Alerts

No rating or validation information has been found for OmicsSIMLA.

No alerts have been found for OmicsSIMLA.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

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).