

Resource Summary Report

Generated by [NIF](#) on Aug 7, 2026

Genomedata

RRID:SCR_004544

Type: Tool

Proper Citation

Genomedata (RRID:SCR_004544)

Resource Information

URL: <http://noble.gs.washington.edu/proj/genomedata/>

Proper Citation: Genomedata (RRID:SCR_004544)

Description: A format for efficient storage of multiple tracks of numeric data anchored to a genome. The format allows fast random access to hundreds of gigabytes of data, while retaining a small disk space footprint. They have also developed utilities to load data into this format. Retrieving data from this format is more than 2900 times faster than a naive approach using wiggle files. A reference implementation in Python and C components is available here under the GNU General Public License. The software has only been tested on Linux and Mac systems.

Abbreviations: Genomedata

Resource Type: source code, software resource

Defining Citation: [PMID:20435580](#)

Keywords: genome, data, format, linux, mac, functional genomics, function, bio.tools

Availability: GNU General Public License

Resource Name: Genomedata

Resource ID: SCR_004544

Alternate IDs: nlx_53677, biotools:genomedata, OMICS_02148

Alternate URLs: <https://bio.tools/genomedata>

Record Creation Time: 20220129T080225+0000

Record Last Update: 20260807T042609+0000

Ratings and Alerts

No rating or validation information has been found for Genomedata.

No alerts have been found for Genomedata.

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 [NIF](#) .

Holub E, et al. (2026) Effects of thymidylate synthase inhibitors differ in genomic uracilation and mutagenic potential. Life science alliance, 9(4).