

# Resource Summary Report

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

## Gigwa

RRID:SCR\_017080

Type: Tool

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### Proper Citation

Gigwa (RRID:SCR\_017080)

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### Resource Information

**URL:** <http://southgreen.fr/content/gigwa>

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**Description:** Web tool to explore genotyping metadata by filtering it on basis of variant features, including functional annotations and matching genotype patterns. May be deployed on workstation or as data portal. Allows to feed MongoDB database with VCF, PLINK or HapMap files and provides interface to filter data in real time. Used to export filtered data into formats and features connectivity with online genomic tools and with standalone software such as FlapJack or IGV. Gigwa hosted datasets are interoperable via two standard REST APIs such GA4GH and BrAPI.

**Synonyms:** GIGWA, GIGWA2, Genotype Investigator for Genome Wide Analysis

**Resource Type:** service resource, application programming interface, data analysis software, web service, analysis service resource, data management software, software resource, material analysis service, software application, production service resource, data processing software, data distribution software, data access protocol, biomaterial analysis service

**Defining Citation:** [PMID:27267926](#)

**Keywords:** metadata, genotyping, filter, variant, functional, annotation, pattern, bio.tools

**Funding:** UMR DIADE and Agropolis Foundation

**Availability:** Free, Freely available

**Resource Name:** Gigwa

**Resource ID:** SCR\_017080

**Alternate IDs:** biotools:Gigwa

**Alternate URLs:** <https://github.com/SouthGreenPlatform/Gigwa2>, <https://bio.tools/Gigwa>

**License:** GNU Affero General Public License

**Record Creation Time:** 20220129T080333+0000

**Record Last Update:** 20260728T043530+0000

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## Ratings and Alerts

No rating or validation information has been found for Gigwa.

No alerts have been found for Gigwa.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Yarnes SC, et al. (2025) DeltaBreed: A BrAPI-centric breeding data information system. PloS one, 20(12), e0324104.

Sempéré G, et al. (2019) Gigwa v2-Extended and improved genotype investigator. GigaScience, 8(5).