

# Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

## GENOOM

RRID:SCR\_009200

Type: Tool

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### Proper Citation

GENOOM (RRID:SCR\_009200)

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### Resource Information

**URL:** <https://github.com/gaow/genetic-analysis-software/blob/master/pages/GENOOM.md>

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**Description:** Software application that implements a virtual computer world where biological entities are digital objects. In this world, each individual of a population is represented by a set of chromosomes with genetic elements (markers, genes, Quantitative Traits Loci, etc.) and attributes (phenotype, age, fertility, living status, exposure, etc.). It comes with a built-in model allowing basic genetic studies by simulations, performed according to parameter values such a penetrance matrix (phenotype probabilities for each genotype), exposure, between-relative mating probabilities, and a probability of migration in a two-dimensional migration process. The simulated populations could be analysed with different packages for statistical or genetical analysis (e.g., SAS, S-PLUS, Linkage, Mapmaker/sibs, Genehunter). Pedigrees can also be simulated according to a pedigree file at the LINKAGE format. (entry from Genetic Analysis Software)

**Abbreviations:** GENOOM

**Synonyms:** GENetic Object Oriented Modeling in population genetics

**Resource Type:** software resource, software application

**Keywords:** gene, genetic, genomic, c++, unix, linux

**Resource Name:** GENOOM

**Resource ID:** SCR\_009200

**Alternate IDs:** nlx\_154350

**Old URLs:** <http://www.genoom.com/>

**Record Creation Time:** 20220129T080251+0000

**Record Last Update:** 20260801T191046+0000

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## Ratings and Alerts

No rating or validation information has been found for GENOOM.

No alerts have been found for GENOOM.

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.