Resource Summary Report

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GENOOM

RRID:SCR_009200
Type: Tool

Proper Citation

GENOOM (RRID:SCR_009200)

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: 20260731T042803+0000

Ratings and Alerts

No rating or validation information has been found for GENOOM.

No alerts have been found for GENOOM.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.