

# Resource Summary Report

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## GemSIM

RRID:SCR\_000167

Type: Tool

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### Proper Citation

GemSIM (RRID:SCR\_000167)

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### Resource Information

**URL:** <http://sourceforge.net/projects/gemsim/>

**Proper Citation:** GemSIM (RRID:SCR\_000167)

**Description:** A software package for generating realistic simulated next-generation genome sequencing reads with quality score values. The software is written in Python with a command-line user interface.

**Abbreviations:** GemSIM

**Resource Type:** software resource

**Defining Citation:** [PMID:22336055](#), [DOI:10.1186/1471-2164-13-74](#)

**Keywords:** bioinformatics, simulation, sequencing, dna, rna, empirical models, Python, command-line, user interface, metagenomic, resequencing, bio.tools

**Funding:**

**Availability:** Public, Open Source

**Resource Name:** GemSIM

**Resource ID:** SCR\_000167

**Alternate IDs:** OMICS\_01507, biotools:GemSIM

**Alternate URLs:** <https://bio.tools/GemSIM>

**License:** GNU General Public License version 3.0 (GPLv3)

**Record Creation Time:** 20220129T080200+0000

**Record Last Update:** 20250410T064521+0000

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## Ratings and Alerts

No rating or validation information has been found for GemSIM.

No alerts have been found for GemSIM.

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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.