

Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 2026

Aevol

RRID:SCR_015966

Type: Tool

Proper Citation

Aevol (RRID:SCR_015966)

Resource Information

URL: <http://www.aevol.fr/>

Proper Citation: Aevol (RRID:SCR_015966)

Description: Simulation software for experimental evolution of microorganisms. Aevol is a digital genetics model for the study of structural variations of the genome (e.g. number of genes, synteny, proportion of coding sequences).

Resource Type: simulation software, software application, software resource

Defining Citation: [PMID:24278000](#)

Keywords: software, genetic, model, simulation, evolution, microorganism, coding, sequence, algorithm

Funding: Agence Nationale de la Recherche ANR-10-BLAN-1724;
INSERM

Availability: Free, Available for download, Tutorial available

Resource Name: Aevol

Resource ID: SCR_015966

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260912T195833+0000

Ratings and Alerts

No rating or validation information has been found for Aevol.

No alerts have been found for Aevol.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [Kravitz](#) .

Banse P, et al. (2024) Innovation in viruses: fitness valley crossing, neutral landscapes, or just duplications? *Virus evolution*, 10(1), veae078.

Luiselli J, et al. (2024) Genome Streamlining: Effect of Mutation Rate and Population Size on Genome Size Reduction. *Genome biology and evolution*, 16(12).

Banse P, et al. (2024) Forward-in-time simulation of chromosomal rearrangements: The invisible backbone that sustains long-term adaptation. *Molecular ecology*, 33(24), e17234.