Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 7, 2025

GCE

RRID:SCR_017332
Type: Tool

Proper Citation

GCE (RRID:SCR_017332)

Resource Information

URL: https://arxiv.org/abs/1308.2012

Proper Citation: GCE (RRID:SCR_017332)

Description: Software tool for estimation of genomic characteristics by analyzing k-mer frequency in de novo genome projects. Used as general and assembly independent method for estimating genomic characteristics.

Synonyms: Genomic Characteristics Estimation

Resource Type: data processing software, software resource, software application, data analysis software

Keywords: estimation, genomic, characteristic, analysis, k-mer, frequencey, de novo

Funding:

Resource Name: GCE

Resource ID: SCR_017332

Alternate URLs: ftp://ftp.genomics.org.cn/pub/gce

Record Creation Time: 20220129T080334+0000

Record Last Update: 20250507T061234+0000

Ratings and Alerts

No rating or validation information has been found for GCE.

No alerts have been found for GCE.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Yang H, et al. (2024) High-quality assembly of the T2T genome for Isodon rubescens f. lushanensis reveals genomic structure variations between 2 typical forms of Isodon rubescens. GigaScience, 13.

Li WG, et al. (2024) Chromosome-level genome assembly of a cliff plant Taihangia rupestris var. ciliata provides insights into its adaptation and demographic history. BMC plant biology, 24(1), 596.

Wang H, et al. (2024) The genomes of Dahlia pinnata, Cosmos bipinnatus, and Bidens alba in tribe Coreopsideae provide insights into polyploid evolution and inulin biosynthesis. GigaScience, 13.

Wang X, et al. (2023) Genome assembly and annotation of the Sharp-nosed Pit Viper Deinagkistrodon acutus based on next-generation sequencing data. GigaByte (Hong Kong, China), 2023, gigabyte88.

Çilingir FG, et al. (2022) Chromosome-level genome assembly for the Aldabra giant tortoise enables insights into the genetic health of a threatened population. GigaScience, 11.

Liu P, et al. (2022) The assembled and annotated genome of the masked palm civet (Paguma larvata). GigaScience, 11.

Li X, et al. (2022) The Manchurian Walnut Genome: Insights into Juglone and Lipid Biosynthesis. GigaScience, 11.

Bodrug-Schepers A, et al. (2021) Quinoa genome assembly employing genomic variation for guided scaffolding. TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik, 134(11), 3577.

Mu W, et al. (2020) The draft genome assembly of the critically endangered Nyssa yunnanensis, a plant species with extremely small populations endemic to Yunnan Province, China. GigaByte (Hong Kong, China), 2020, gigabyte4.

Wang L, et al. (2019) A draft genome assembly of halophyte Suaeda aralocaspica, a plant that performs C4 photosynthesis within individual cells. GigaScience, 8(9).

Guo Y, et al. (2019) A chromosomal-level genome assembly for the giant African snail Achatina fulica. GigaScience, 8(10).