Resource Summary Report

Generated by dkNET on Apr 30, 2025

FACIL

RRID:SCR_004375
Type: Tool

Proper Citation

FACIL (RRID:SCR_004375)

Resource Information

URL: http://facil-host.cmbi.umcn.nl/facil

Proper Citation: FACIL (RRID:SCR_004375)

Description: Genetic code prediction tool that infers the genetic code directly from any set of nucleic acid sequences and assigns a Random Forest-based reliability score to its predictions.

Abbreviations: FACIL

Synonyms: FACIL genetic code prediction tool, Genetic code prediction tool FACIL: Fast and Accurate genetic Code Inference and Logo

Resource Type: software resource, data analysis service, service resource, analysis service resource, production service resource

Defining Citation: PMID:21653513

Keywords: unix/linux

Funding:

Availability: Commercial license, Free

Resource Name: FACIL

Resource ID: SCR_004375

Alternate IDs: OMICS_00299

Record Creation Time: 20220129T080224+0000

Record Last Update: 20250430T055313+0000

Ratings and Alerts

No rating or validation information has been found for FACIL.

No alerts have been found for FACIL.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Cedrola F, et al. (2024) Giants' cooperation: a draft genome of the giant ciliate Muniziella cunhai suggests its ecological role in the capybara's digestive metabolism. Microbial genomics, 10(7).

Mikhailov KV, et al. (2022) Genomic analysis reveals cryptic diversity in aphelids and sheds light on the emergence of Fungi. Current biology : CB, 32(21), 4607.

Schultz DT, et al. (2020) Conserved novel ORFs in the mitochondrial genome of the ctenophore Beroe forskalii. PeerJ, 8, e8356.

Mikhailov KV, et al. (2019) Coding palindromes in mitochondrial genes of Nematomorpha. Nucleic acids research, 47(13), 6858.

Bachvaroff TR, et al. (2019) A precedented nuclear genetic code with all three termination codons reassigned as sense codons in the syndinean Amoebophrya sp. ex Karlodinium veneficum. PloS one, 14(2), e0212912.

Popova OV, et al. (2016) Mitochondrial Genomes of Kinorhyncha: trnM Duplication and New Gene Orders within Animals. PloS one, 11(10), e0165072.

Speth DR, et al. (2016) Genome-based microbial ecology of anammox granules in a full-scale wastewater treatment system. Nature communications, 7, 11172.