Resource Summary Report

Generated by dkNET on May 21, 2025

Online Resource for Community Annotation of Eukaryotes

RRID:SCR_014989
Type: Tool

Proper Citation

Online Resource for Community Annotation of Eukaryotes (RRID:SCR_014989)

Resource Information

URL: http://bioinformatics.psb.ugent.be/orcae/

Proper Citation: Online Resource for Community Annotation of Eukaryotes (RRID:SCR_014989)

Description: Online genome annotation tool for validating and correcting gene annotations. OrcAE is community-driven and can be edited by account-holders in the research community.

Abbreviations: OrcAE, ORCAE

Synonyms: Online Resource for Community Annotation of Eukaryotes (OrcAE)

Resource Type: data or information resource, wiki, narrative resource

Defining Citation: PMID:23132114

Keywords: genome annotation, gene validation, community driven, bio.tools

Funding:

Availability: Free, Account required, The research community can contribute to this resource

Resource Name: Online Resource for Community Annotation of Eukaryotes

Resource ID: SCR_014989

Alternate IDs: biotools:orcae

Alternate URLs: https://bio.tools/orcae

Record Creation Time: 20220129T080323+0000

Record Last Update: 20250521T061541+0000

Ratings and Alerts

No rating or validation information has been found for Online Resource for Community Annotation of Eukaryotes.

No alerts have been found for Online Resource for Community Annotation of Eukaryotes.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Sands E, et al. (2023) Genetic and physiological responses to light quality in a deep ocean ecotype of Ostreococcus, an ecologically important photosynthetic picoeukaryote. Journal of experimental botany, 74(21), 6773.

Yau S, et al. (2020) Virus-host coexistence in phytoplankton through the genomic lens. Science advances, 6(14), eaay2587.

Zhang L, et al. (2020) Drought activates MYB41 orthologs and induces suberization of grapevine fine roots. Plant direct, 4(11), e00278.

Dautermann O, et al. (2020) An algal enzyme required for biosynthesis of the most abundant marine carotenoids. Science advances, 6(10), eaaw9183.

Lipinska AP, et al. (2019) Rapid turnover of life-cycle-related genes in the brown algae. Genome biology, 20(1), 35.

Helliwell KE, et al. (2019) Alternative Mechanisms for Fast Na+/Ca2+ Signaling in Eukaryotes via a Novel Class of Single-Domain Voltage-Gated Channels. Current biology : CB, 29(9), 1503.

Wong DCJ, et al. (2018) Structure and transcriptional regulation of the major intrinsic protein

gene family in grapevine. BMC genomics, 19(1), 248.

Derelle E, et al. (2018) Prasinovirus Attack of Ostreococcus Is Furtive by Day but Savage by Night. Journal of virology, 92(4).

Carradec Q, et al. (2018) A global ocean atlas of eukaryotic genes. Nature communications, 9(1), 373.

de Los Reyes P, et al. (2017) Evolution of Daily Gene Co-expression Patterns from Algae to Plants. Frontiers in plant science, 8, 1217.

Hultqvist G, et al. (2017) Emergence and evolution of an interaction between intrinsically disordered proteins. eLife, 6.

Suzuki T, et al. (2017) Protocols for the delivery of small molecules to the two-spotted spider mite, Tetranychus urticae. PloS one, 12(7), e0180658.

Sarilar V, et al. (2017) Genome sequence of the type strain CLIB 1764T (= CBS 14374T) of the yeast species Kazachstania saulgeensis isolated from French organic sourdough. Genomics data, 13, 41.

Grimplet J, et al. (2017) The LATERAL ORGAN BOUNDARIES Domain gene family in grapevine: genome-wide characterization and expression analyses during developmental processes and stress responses. Scientific reports, 7(1), 15968.

Baa-Puyoulet P, et al. (2016) ArthropodaCyc: a CycADS powered collection of BioCyc databases to analyse and compare metabolism of arthropods. Database : the journal of biological databases and curation, 2016.