

Resource Summary Report

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TCoffee

RRID:SCR_019024

Type: Tool

Proper Citation

TCoffee (RRID:SCR_019024)

Resource Information

URL: <http://tcoffee.crg.cat/apps/tcoffee/index.html>

Proper Citation: TCoffee (RRID:SCR_019024)

Description: Web server for simple multiple sequence alignment. Can align protein, DNA and RNA sequences.

Synonyms: T-Coffee

Resource Type: data access protocol, alignment software, software resource, image analysis software, web service, software application, data processing software

Availability: Free, Freely available

Resource Name: TCoffee

Resource ID: SCR_019024

Alternate URLs: <http://tcoffee.crg.cat/apps/tcoffee/do:regular>

Ratings and Alerts

No rating or validation information has been found for TCoffee.

No alerts have been found for TCoffee.

Data and Source Information

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Liu HB, et al. (2023) A screening of inhibitors targeting the receptor kinase FERONIA reveals small molecules that enhance plant root immunity. *Plant biotechnology journal*, 21(1), 63.

Østby H, et al. (2023) Functional characterization of a lytic polysaccharide monooxygenase from *Schizophyllum commune* that degrades non-crystalline substrates. *Scientific reports*, 13(1), 17373.

Kerk D, et al. (2023) Eukaryotic-like Phosphoprotein Phosphatase (PPP) enzyme evolution: interactions with environmental toxins and regulatory proteins. *Bioscience reports*, 43(5).

Perlaza K, et al. (2022) The short flagella 1 (SHF1) gene in *Chlamydomonas* encodes a Crescerin TOG-domain protein required for late stages of flagellar growth. *Molecular biology of the cell*, 33(2), ar12.

Lormand JD, et al. (2021) Structural characterization of NrnC identifies unifying features of dinucleotidases. *eLife*, 10.

Hoke AK, et al. (2021) Genomic signatures of Lake Erie bacteria suggest interaction in the *Microcystis* phycosphere. *PloS one*, 16(9), e0257017.

Davies C, et al. (2021) TbSAP is a novel chromatin protein repressing metacyclic variant surface glycoprotein expression sites in bloodstream form *Trypanosoma brucei*. *Nucleic acids research*, 49(6), 3242.

Rong Y, et al. (2021) TMEM120A contains a specific coenzyme A-binding site and might not mediate poking- or stretch-induced channel activities in cells. *eLife*, 10.

Wu Z, et al. (2021) Decoding the RNA viromes in rodent lungs provides new insight into the origin and evolutionary patterns of rodent-borne pathogens in Mainland Southeast Asia. *Microbiome*, 9(1), 18.

Oftedal TF, et al. (2021) Ubericin K, a New Pore-Forming Bacteriocin Targeting mannose-PTS. *Microbiology spectrum*, 9(2), e0029921.

Zhang CX, et al. (2021) Novel Compound Heterozygous Pathogenic Mutations of SLC5A5 in a Chinese Patient With Congenital Hypothyroidism. *Frontiers in endocrinology*, 12, 620117.

Hegnar OA, et al. (2021) Quantifying Oxidation of Cellulose-Associated Glucuronoxylan by Two Lytic Polysaccharide Monooxygenases from *Neurospora crassa*. *Applied and*

environmental microbiology, 87(24), e0165221.

Tjondro HC, et al. (2021) Hyper-truncated Asn355- and Asn391-glycans modulate the activity of neutrophil granule myeloperoxidase. *The Journal of biological chemistry*, 296, 100144.

Henry K, et al. (2021) Outbreak of Cutaneous Leishmaniasis among military personnel in French Guiana, 2020: Clinical, phylogenetic, individual and environmental aspects. *PLoS neglected tropical diseases*, 15(11), e0009938.

Chio US, et al. (2021) Subunit cooperation in the Get1/2 receptor promotes tail-anchored membrane protein insertion. *The Journal of cell biology*, 220(11).

Liu H, et al. (2021) Interactions of perfluorooctanoic acid with acyl-CoA thioesterase 1 (Acot1). *Comparative biochemistry and physiology. Toxicology & pharmacology : CBP*, 250, 109159.

Kang JJ, et al. (2020) DNA Binding Reorganizes the Intrinsically Disordered C-Terminal Region of PSC in *Drosophila* PRC1. *Journal of molecular biology*, 432(17), 4856.

Gu X, et al. (2020) Vesicle Transport in Plants: A Revised Phylogeny of SNARE Proteins. *Evolutionary bioinformatics online*, 16, 1176934320956575.

Lavatelli A, et al. (2020) Defining *Caenorhabditis elegans* as a model system to investigate lipoic acid metabolism. *The Journal of biological chemistry*, 295(44), 14973.