Resource Summary Report

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LOMETS

RRID:SCR_021882
Type: Tool

Proper Citation

LOMETS (RRID:SCR_021882)

Resource Information

URL: https://zhanggroup.org/LOMETS/

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Description: Local threading meta server, for quick and automated predictions of protein tertiary structures and spatial constraints. New generation of meta server approach to template based protein structure prediction and structure based function annotation, which integrates multiple deep learning based threading methods and profile based programs (FFAS3D, HHpred, HHsearch, MRFsearch, MUSTER, SparksX).

Synonyms: Local Meta Threading Server, Local Meta-Threading Server, LOMETS2, LOMETS3

Resource Type: data access protocol, web service, software resource

Defining Citation: PMID:17478507

Keywords: protein tertiary structures predictions, spatial constraints predictions

Funding:

Availability: Free, Freely available

Resource Name: LOMETS

Resource ID: SCR_021882

Record Creation Time: 20220421T050137+0000

Record Last Update: 20250330T061947+0000

Ratings and Alerts

No rating or validation information has been found for LOMETS.

No alerts have been found for LOMETS.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Fletcher SC, et al. (2023) Impaired protein hydroxylase activity causes replication stress and developmental abnormalities in humans. The Journal of clinical investigation, 133(7).

Tasleem M, et al. (2023) An In Silico Bioremediation Study to Identify Essential Residues of Metallothionein Enhancing the Bioaccumulation of Heavy Metals in Pseudomonas aeruginosa. Microorganisms, 11(9).

Matrawy AA, et al. (2022) Molecular study on recombinant cold-adapted, detergent- and alkali stable esterase (EstRag) from Lysinibacillus sp.: a member of family VI. World journal of microbiology & biotechnology, 38(12), 217.

Embaby AM, et al. (2022) Recombinant acetylxylan esterase of Halalkalibacterium halodurans NAH-Egypt: molecular and biochemical study. AMB Express, 12(1), 135.

Falak S, et al. (2022) Molecular cloning, expression in Escherichia coli and structural-functional analysis of a pyruvate kinase from Pyrobaculum calidifontis. International journal of biological macromolecules, 209(Pt A), 1410.

Philip J, et al. (2022) Cdc6 is sequentially regulated by PP2A-Cdc55, Cdc14, and Sic1 for origin licensing in S. cerevisiae. eLife, 11.