

Resource Summary Report

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FALCON

RRID:SCR_018804

Type: Tool

Proper Citation

FALCON (RRID:SCR_018804)

Resource Information

URL: <http://protein.ict.ac.cn/FALCON/>

Proper Citation: FALCON (RRID:SCR_018804)

Description: Web tool as high throughput protein structure prediction service. High throughput server for protein structure prediction.

Synonyms: FALCON@home

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

Keywords: Protein structure, protein structure prediction, simulation, 3D structure, protein, high throughput protein, structure prediction

Funding:

Availability: Restricted

Resource Name: FALCON

Resource ID: SCR_018804

Record Creation Time: 20220129T080342+0000

Record Last Update: 20250519T204044+0000

Ratings and Alerts

No rating or validation information has been found for FALCON.

No alerts have been found for FALCON.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 384 mentions in open access literature.

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

Lee J, et al. (2025) A chromosome-level genome assembly of wild silkmoth, *Bombyx mandarina*. *Scientific data*, 12(1), 27.

Weissensteiner MH, et al. (2025) Combining Individual-Based Radio-Tracking With Whole-Genome Sequencing Data Reveals Candidate for Genetic Basis of Partial Migration in a Songbird. *Ecology and evolution*, 15(1), e70800.

Zhang J, et al. (2024) Coping with alpine habitats: genomic insights into the adaptation strategies of *Triplostegia glandulifera* (Caprifoliaceae). *Horticulture research*, 11(5), uhae077.

Dong Z, et al. (2024) Genomic and single-cell analyses reveal genetic signatures of swimming pattern and diapause strategy in jellyfish. *Nature communications*, 15(1), 5936.

Dalaka E, et al. (2024) Deformable microlaser force sensing. *Light, science & applications*, 13(1), 129.

Odawara T, et al. (2024) Apoptosis signal-regulating kinase 1 promotes inflammation in senescence and aging. *Communications biology*, 7(1), 691.

Yang Q, et al. (2024) miR-124-3p downregulates EGR1 to suppress ischemia-hypoxia reperfusion injury in human iPS cell-derived cardiomyocytes. *Scientific reports*, 14(1), 14811.

Tang B, et al. (2024) A chromosome-scale genome assembly of the nipa palm hispid beetle *Octodonta nipae*. *Scientific data*, 11(1), 562.

Lin YH, et al. (2024) Source cell-type epigenetic memory persists in induced pluripotent cells but is lost in subsequently derived germline cells. *Frontiers in cell and developmental biology*, 12, 1306530.

Di Martino E, et al. (2024) Inflammatory, metabolic, and sex-dependent gene-regulatory dynamics of microglia and macrophages in neonatal hippocampus after hypoxia-ischemia. *iScience*, 27(4), 109346.

Hees JT, et al. (2024) Insulin signalling regulates Pink1 mRNA localization via modulation of AMPK activity to support PINK1 function in neurons. *Nature metabolism*, 6(3), 514.

Sharifi S, et al. (2024) Non-esterified fatty acid palmitate facilitates oxidative endoplasmic reticulum stress and apoptosis of β -cells by upregulating ERO-1 α expression. *Redox biology*, 73, 103170.

Zheng J, et al. (2024) Chromosome-level genome assembly of *Acrossocheilus fasciatus* using PacBio sequencing and Hi-C technology. *Scientific data*, 11(1), 166.

Park HY, et al. (2024) Genome of *Raphanus sativus* L. Bakdal, an elite line of large cultivated Korean radish. *Frontiers in genetics*, 15, 1328050.

Mengzhen Z, et al. (2024) Integrated machine learning-driven disulfidptosis profiling: CYFIP1 and EMILIN1 as therapeutic nodes in neuroblastoma. *Journal of cancer research and clinical oncology*, 150(3), 109.

Xiao H, et al. (2024) A chromosome-scale genome assembly of the peanut beetle, *Ulomoides dermestoides* (Coleoptera: Tenebrionidae). *Scientific data*, 11(1), 1148.

Naser-Khdour S, et al. (2024) The Evolution of Extreme Genetic Variability in a Parasite-Resistance Complex. *Genome biology and evolution*, 16(10).

Xu X, et al. (2024) Three genome assemblies of *Opsariichthys bidens* from Yangzte River, Pearl River and Qiantang River basins. *Scientific data*, 11(1), 1110.

Lu Y, et al. (2024) Whole-genome sequencing of the invasive golden apple snail *Pomacea canaliculata* from Asia reveals rapid expansion and adaptive evolution. *GigaScience*, 13.

Deng L, et al. (2024) Complete genome sequence analysis of *Pestalotiopsis microspora*, a fungal pathogen causing kiwifruit postharvest rots. *BMC genomics*, 25(1), 839.