

Resource Summary Report

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TherMos

RRID:SCR_002790

Type: Tool

Proper Citation

TherMos (RRID:SCR_002790)

Resource Information

URL: <http://collaborations.gis.a-star.edu.sg/~cmb6/TherMos/>

Proper Citation: TherMos (RRID:SCR_002790)

Description: Software used for estimating protein-DNA binding energies from in vivo binding profiles. It is a de novo motif discovery algorithm that exploits the information in transcription factor ChIP-seq or ChIP-exo datasets based on a more natural thermodynamic formalism., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Resource Type: algorithm resource, software resource

Defining Citation: [PMID:23595148](#)

Keywords: protein dna binding energy, in vivo binding profiles, motif discovery

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: TherMos

Resource ID: SCR_002790

Alternate IDs: OMICS_00498

Record Creation Time: 20220129T080215+0000

Record Last Update: 20260829T183053+0000

Ratings and Alerts

No rating or validation information has been found for TherMos.

No alerts have been found for TherMos.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 208 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Li J, et al. (2025) Molecular analysis of three DNA mismatch repair protein variants in Chinese families with suspected Lynch syndrome. *Frontiers in medicine*, 12, 1635964.

Kechagias A, et al. (2025) Eugenol@natural Zeolite vs. Citral@natural Zeolite Nanohybrids for Gelatin-Based Edible-Active Packaging Films. *Gels* (Basel, Switzerland), 11(7).

Ebrahimi M, et al. (2025) Protocol for in vitro embryo production in sheep using slaughterhouse-derived ovaries. *STAR protocols*, 6(3), 104027.

Najmudin S, et al. (2025) Structural basis of topoisomerase targeting by delafloxacin. *Nature communications*, 16(1), 5829.

Yuan XW, et al. (2025) Fisetin may protect early porcine embryos from oxidative stress by down-regulating GRP78 levels. *PeerJ*, 13, e19198.

Jiang Z, et al. (2025) Visualizing acyl carrier protein interactions within a crosslinked type I polyketide synthase. *Nature communications*, 16(1), 7798.

Zhao Y, et al. (2025) Elite haplotype of STRONG1 enhances rice yield by improving lodging resistance, panicle and plant architecture. *Nature communications*, 16(1), 5894.

Wu N, et al. (2025) Fermented grapeseed oil repairs chemically damaged hair via enhanced permeability mechanisms. *Scientific reports*, 15(1), 22175.

Li Y, et al. (2025) A TLK2-mediated calcium-driven cell death pathway links neuronal degeneration to nuclear envelope disruption. *Nature communications*, 16(1), 3419.

Li M, et al. (2025) The inhibitory and anti-inflammatory effects of TMP269 on peste des petits ruminants virus replication. *Virulence*, 16(1), 2495838.

Wen C, et al. (2025) Identifying metabolic biomarkers and pathways in pulpitis: a metabolomic study using ultra-high-performance liquid chromatography/orbitrap mass spectrometry. *Journal of applied oral science : revista FOB*, 33, e20240428.

Zhao Y, et al. (2025) SLC7A11 as a therapeutic target to attenuate phthalates-driven testosterone level decline in mice. *Journal of advanced research*, 71, 369.

Meng J, et al. (2025) Aged garlic attenuates neuroinflammation via modulating the NF- κ B pathway: Insights from multi-omics analyses. *Food & nutrition research*, 69.

Rong X, et al. (2025) Sono-activable and biocatalytic 3D-printed scaffolds for intelligently sequential therapies in osteosarcoma eradication and defect regeneration. *Nature communications*, 16(1), 6150.

Li Y, et al. (2024) The m6A reader IGF2BP2 promotes esophageal cell carcinoma progression by enhancing EIF4A1 translation. *Cancer cell international*, 24(1), 162.

Zhou Q, et al. (2024) Thyroid-stimulating hormone induces insulin resistance in adipocytes via endoplasmic reticulum stress. *Endocrine connections*, 13(8).

Yin XW, et al. (2024) Anti-Inflammatory Peroxidized Chlorahololide-Type Dimers Are Artifacts of Shizukaol-Type Dimers: From Phenomena Discovery and Confirmation to Potential Underlying Mechanism. *Molecules (Basel, Switzerland)*, 29(4).

Zhai L, et al. (2024) Novel sterol binding domains in bacteria. *eLife*, 12.

Lee SY, et al. (2024) Directed evolution of the multicopper oxidase laccase for cell surface proximity labeling and electron microscopy. *bioRxiv : the preprint server for biology*.

Chaumeau V, et al. (2024) Transmission-blocking activities of artesunate, chloroquine, and methylene blue on *Plasmodium vivax* gametocytes. *Antimicrobial agents and chemotherapy*, 68(9), e0085324.