

Resource Summary Report

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MSMS

RRID:SCR_003532

Type: Tool

Proper Citation

MSMS (RRID:SCR_003532)

Resource Information

URL: <https://github.com/delt0r/msms>

Proper Citation: MSMS (RRID:SCR_003532)

Description: A coalescent simulation software program for a structured population including recombination, demographic structure and selection at a single diploid locus.

Resource Type: simulation software, software application, software resource

Defining Citation: [PMID:20591904](#)

Keywords: standalone software

Resource Name: MSMS

Resource ID: SCR_003532

Alternate IDs: OMICS_04381

Record Creation Time: 20220129T080219+0000

Record Last Update: 20260912T195559+0000

Ratings and Alerts

No rating or validation information has been found for MSMS.

No alerts have been found for MSMS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 277 mentions in open access literature.

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

Qiu Y, et al. (2026) Latent thermodynamic flows: unified representation learning and generative modeling of temperature-dependent behaviors from limited data. *Chemical science*, 17(7), 3743.

Di Stefano AFD, et al. (2025) Pharmacokinetics, Safety, and Skin Irritation and Sensitization Potential of Clascoterone Cream in Early-Phase Clinical Study Participants. *Clinical pharmacology in drug development*, 14(10), 742.

Brooks SD, et al. (2025) Sickie Trait and Alpha Thalassemia Increase NOS-Dependent Vasodilation of Human Arteries Through Disruption of Endothelial Hemoglobin-eNOS Interactions. *Circulation*, 151(1), 8.

Fazelpour E, et al. (2025) Residue Interactions Guide Translational Diffusion of Proteins. *The journal of physical chemistry. B*, 129(9), 2493.

Martins F, et al. (2025) Differential unfolded protein response regulation in KRAS silencing sensitive and innately resistant colorectal cancer cells. *Scientific reports*, 15(1), 14329.

Lange M, et al. (2025) FSP1-mediated lipid droplet quality control prevents neutral lipid peroxidation and ferroptosis. *bioRxiv : the preprint server for biology*.

Szulc J, et al. (2025) 3D Mass Spectrometry Imaging as a Novel Screening Method for Evaluating Biocontrol Agents. *Journal of agricultural and food chemistry*, 73(14), 8225.

Guirouilh-Barbat J, et al. (2025) Genome rearrangements induced by the stimulation of end-joining of DNA double strand breaks through multiple phosphorylation of MRE11 by the kinase PKB/AKT1. *Nucleic acids research*, 53(11).

Lee DJH, et al. (2025) Characterization of metabolic features derived from the non-polar metabolite UHPLC-QTOF dataset of Jaspis sp. Collected from the waters off Pulau Banggi, Sabah, Malaysia. *Data in brief*, 60, 111474.

Li T, et al. (2025) Revealing differences in flavor compounds during plum wine fermentation using single and mixed yeast strains through metabolomic analysis. *Food chemistry: X*, 25, 102100.

Havlíček M, et al. (2025) Decoding Protein Stabilization: Impact on Aggregation, Solubility, and Unfolding Mechanisms. *Journal of chemical information and modeling*, 65(16), 8688.

Marchand A, et al. (2025) Targeting protein-ligand neosurfaces with a generalizable deep learning tool. *Nature*, 639(8054), 522.

Liu Y, et al. (2025) Age-related prevalence and correlation of dental and periodontal lesions in second molars adjacent to mesioangular and horizontally impacted mandibular third molars: a CBCT study. *BMC oral health*, 25(1), 1042.

Knez B, et al. (2025) Prediction of aggregation in monoclonal antibodies from molecular surface curvature. *Scientific reports*, 15(1), 28266.

Sisk TR, et al. (2025) Characterizing Structural and Kinetic Ensembles of Intrinsically Disordered Proteins Using Writhe. *Journal of chemical theory and computation*, 21(23), 12289.

Nixon-Abell J, et al. (2025) ANXA11 biomolecular condensates facilitate protein-lipid phase coupling on lysosomal membranes. *Nature communications*, 16(1), 2814.

Yin CY, et al. (2025) Transfer from long-term care to acute care and risk of new permanent cognitive or physical disability among long-term care residents in Canada: protocol for a retrospective cohort study. *BMJ open*, 15(1), e086932.

Singh AK, et al. (2025) Conformational Landscape of the Di- and Tripeptide Permease A Transport Cycle. *Journal of chemical information and modeling*, 65(12), 6198.

Samano A, et al. (2025) Genome Structural Variants Shape Adaptive Success of an Invasive Urban Malaria Vector *Anopheles stephensi*. *Molecular biology and evolution*, 42(6).

Hanum N, et al. (2025) HIV incidence and adherence after pre-exposure prophylaxis initiation in key populations in Indonesia: Findings from a real-world pilot program 2021-2023. *IJID regions*, 14, 100573.