SALT

RRID:SCR_003187
Type: Tool

Proper Citation

SALT (RRID:SCR_003187)

Resource Information

URL: http://sourceforge.net/projects/salt1/

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Description: Software that can accurately and sensitivity classify short reads of next-generation sequencing (NGS) into protein domain families. It is based on profile HMM and a supervised graph contribution algorithm. Compared to existing tools, it has high sensitivity and specificity in classifying short reads into their native domain families.

Abbreviations: SALT

Synonyms: SALT - Protein domain classifier

Resource Type: software resource

Defining Citation: PMID:23782615

Keywords: next-generation sequencing, protein, protein domain, short read, bio.tools

Funding:

Resource Name: SALT

Resource ID: SCR_003187

Alternate IDs: OMICS_01565, biotools:salt

Alternate URLs: https://bio.tools/salt

Record Creation Time: 20220129T080217+0000

Record Last Update: 20250410T064947+0000

Ratings and Alerts

No rating or validation information has been found for SALT.

No alerts have been found for SALT.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1149 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Rauch R, et al. (2025) Effects of partial or full replacement of soybean meal with urea or coated urea on intake, performance, and plasma urea concentrations in lactating dairy cows. Journal of animal physiology and animal nutrition, 109(1), 64.

Chen J, et al. (2025) Molecular dynamics simulations reveal efficient heavy metal ion removal by two-dimensional Cu-THQ metal-organic framework membrane. Scientific reports, 15(1), 199.

Bashir N, et al. (2025) Green-synthesized silver nanoparticle-enhanced nanofiltration mixed matrix membranes for high-performance water purification. Scientific reports, 15(1), 1001.

Parée T, et al. (2025) Selection Can Favor a Recombination Landscape That Limits Polygenic Adaptation. Molecular biology and evolution, 42(1).

Young K, et al. (2025) Alcohol Relapse After Liver Transplantation: Risk Factors, Outcomes, and a Comparison of Risk Stratification Models. Gastro hep advances, 4(1), 100550.

Wi?niewska K, et al. (2025) Impact of pollution on microbiological dynamics in the pistil stigmas of Orobanche lutea flowers (Orobanchaceae). Scientific reports, 15(1), 3382.

Ponce-Alcala RE, et al. (2025) Pay Attention to Hypertension (PAtH): Findings from a cardiovascular health promotion intervention for adults with intellectual disabilities participating in Special Olympics programming. Journal of intellectual disability research : JIDR, 69(1), 65.

Smokers IBA, et al. (2025) Quantification of Biomolecular Condensate Volume Reveals Network Swelling and Dissolution Regimes during Phase Transition. Biomacromolecules, 26(1), 363.

Maier A, et al. (2025) Predicting purification process fit of monoclonal antibodies using machine learning. mAbs, 17(1), 2439988.

Turati F, et al. (2025) Cancers attributable to diet in Italy. International journal of cancer, 156(6), 1181.

Jordanova KV, et al. (2025) Paramagnetic salt and agarose recipes for phantoms with desired T1 and T2 values for low-field MRI. NMR in biomedicine, 38(1), e5281.

Zhang J, et al. (2025) Genome- and Transcriptome-Wide Characterization and Expression Analyses of bHLH Transcription Factor Family Reveal Their Relevance to Salt Stress Response in Tomato. Plants (Basel, Switzerland), 14(2).

Zioga E, et al. (2025) Screening approaches and potential of isolated lactic acid bacteria for improving fermentation of Saccharina latissima. BMC biotechnology, 25(1), 2.

Tomašek I, et al. (2025) Physicochemical Properties and Bioreactivity of Sub-10 ?m Geogenic Particles: Comparison of Volcanic Ash and Desert Dust. GeoHealth, 9(1), e2024GH001171.

Esmaeili M, et al. (2025) The status of sodium intake and excretion and the primary dietary sources of sodium in Iranian adults, a comprehensive pilot study. Cardiovascular endocrinology & metabolism, 14(1), e00322.

Stephen RI, et al. (2025) The pattern and burden of non-communicable diseases in armed conflict-exposed populations in Northeastern Nigeria. PeerJ, 13, e18520.

Tang M, et al. (2025) City-level emergy metabolism accounts for China's 281 cities from 2000 to 2020. Scientific data, 12(1), 55.

Abdoollahi S, et al. (2025) Impact of chia seed protein hydrolysate and apple pomace pectin on the properties of egg-free mayonnaise. Heliyon, 11(1), e41278.

Eldridge AL, et al. (2025) Method to define recommended portion sizes for consumer guidance. European journal of nutrition, 64(1), 62.

Barua L, et al. (2025) Association of Cardiovascular Disease Risk Factors With Estimated Dietary Salt Consumption in Bangladeshi Adults: A Nationally Representative Cross-Sectional Study. Journal of clinical hypertension (Greenwich, Conn.), 27(1), e14966.