

Resource Summary Report

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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

Availability: Free, Available for download, Freely available

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: 20260808T185754+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 1307 mentions in open access literature.

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

Zhou Z, et al. (2026) Genetic predisposition to high BMI, ultra-processed food consumptions in childhood, and adiposity in young adulthood: a 17-year prospective cohort study of 3061 individuals. BMC medicine, 24(1).

Asri MAA, et al. (2026) Deep learning-based no-reference image quality assessment framework for Cryptosporidium spp. and Giardia spp. PloS one, 21(1), e0341160.

Yuasa A, et al. (2026) Cost-Effectiveness Analysis of Ritlecitinib Compared With No Treatment in Patients With Severe Alopecia Areata in Japan. The Journal of dermatology, 53(4), 619.

Kim C, et al. (2026) The Use of Microelectrodes in Molten Salt Electrochemistry. Analytical chemistry, 98(25), 18299.

Reinoso A, et al. (2026) Leamos Juntos! Bilingual books support Latine parents' Spanish language use during book-sharing interactions. Journal of child language, 53(4), 924.

Krok WC, et al. (2026) Assessing Sentences in Young Children: A Comparison of the Sentence Diversity Priming Task and Play-Based Language Samples. Journal of speech, language, and hearing research : JSLHR, 69(6), 2623.

Song X, et al. (2026) Identification of the IDA peptide family in tomato and function of SIIDA8 in salt stress. BMC plant biology, 26(1), 300.

Xia Z, et al. (2025) Controlling salt deposition patterns using engineered substrates and thermal gradients. Scientific reports, 15(1), 18922.

Tirmizi SS, et al. (2025) Efficacy of Oral Tofacitinib in Alopecia Areata, Alopecia Totalis, and Alopecia Universalis. Cureus, 17(4), e82536.

Jiang Q, et al. (2025) Comprehensive genome-wide identification and expression analysis of the EPF/EPFL gene family in oat. BMC genomics, 26(1), 551.

Malik Y, et al. (2025) Bacterial Diversity at Himalayan Pink Salt Extraction Site. Biology, 14(3).

Yin M, et al. (2025) Effect of Glucose Metabolic State Transition on Progression from Stage A to Stage C Heart Failure. *Diabetes, metabolic syndrome and obesity : targets and therapy*, 18, 1683.

Zaarour Y, et al. (2025) Microwave Antenna Sensing for Glucose Monitoring in a Vein Model Mimicking Human Physiology. *Biosensors*, 15(5).

Murado??lu F, et al. (2025) Putrescine eases saline stress by regulating biochemicals, antioxidative enzymes, and osmolyte balance in hydroponic strawberries (cv. Albion). *Physiologia plantarum*, 177(3), e70259.

Chia YC, et al. (2025) Reduction of Salt and Sugar Contents in Canteen Foods and Intakes By Students and Staff at a Malaysian Higher Education Institution: Protocol for a Mixed Methods Study. *JMIR research protocols*, 14, e69610.

Ghandi N, et al. (2025) Is Intralesional Methotrexate an Effective Alternative to Intralesional Triamcinolone in Alopecia Areata? Findings From a Randomized Controlled Trial. *Journal of cosmetic dermatology*, 24(8), e70367.

Wilk M, et al. (2025) Inequalities in overcrowding in households with children in an ethnically diverse urban population: a cross-sectional study using linked health and housing records. *International journal of population data science*, 10(2), 2408.

Spadafora M, et al. (2025) Off-Label Use of Topical Ruxolitinib in Dermatology: A Systematic Literature Review and Current Perspectives. *Experimental dermatology*, 34(4), e70095.

Hanson KA, et al. (2025) Comparison of Dermatology Life Quality Index Scores in Adults and Adolescents with Alopecia Areata. *Dermatology and therapy*, 15(6), 1543.

Cook N, et al. (2025) Quantifying and describing production waste in two urban healthcare centres with differing foodservice models. *Nutrition & dietetics : the journal of the Dietitians Association of Australia*, 82(4), 434.