

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

BRAT

RRID:SCR_013159

Type: Tool

Proper Citation

BRAT (RRID:SCR_013159)

Resource Information

URL: <http://compbio.cs.ucr.edu/brat/>

Proper Citation: BRAT (RRID:SCR_013159)

Description: BRAT is an accurate and efficient tool for mapping short bisulfite-treated reads obtained from the Solexa-Illumina Genome Analyzer.

Abbreviations: BRAT

Synonyms: Bisulfite-treated Reads Analysis Tool

Resource Type: software resource

Resource Name: BRAT

Resource ID: SCR_013159

Alternate IDs: OMICS_00577

Record Creation Time: 20220129T080314+0000

Record Last Update: 20260801T190445+0000

Ratings and Alerts

No rating or validation information has been found for BRAT.

No alerts have been found for BRAT.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Nourani E, et al. (2025) LSD600: the first corpus of biomedical abstracts annotated with lifestyle-disease relations. Database : the journal of biological databases and curation, 2025.

Bagherzadeh P, et al. (2025) An automatic pipeline for temporal monitoring of radiotherapy-induced toxicities in head and neck cancer patients. NPJ precision oncology, 9(1), 40.

Minghao L, et al. (2025) Nested named entity recognition in traditional Chinese medicine electronic medical records via dual-granularity feature augmentation and span classification. Scientific reports, 15(1), 38357.

Sierepeklis O, et al. (2025) Autogenerating a Domain-Specific Question-Answering Data Set from a Thermoelectric Materials Database to Enable High-Performing BERT Models. Journal of chemical information and modeling, 65(16), 8579.

Fung MMH, et al. (2025) Developing a named entity framework for thyroid cancer staging and risk level classification using large language models. NPJ digital medicine, 8(1), 134.

Totton N, et al. (2024) A proposal for using benefit-risk methods to improve the prominence of adverse event results when reporting trials. Trials, 25(1), 409.

Lan M, et al. (2024) Automatic categorization of self-acknowledged limitations in randomized controlled trial publications. Journal of biomedical informatics, 152, 104628.

Zhong K, et al. (2024) Natural variation of TBR confers plant zinc toxicity tolerance through root cell wall pectin methylesterification. Nature communications, 15(1), 5823.

Xu J, et al. (2024) Combining Federated Machine Learning and Qualitative Methods to Investigate Novel Pediatric Asthma Subtypes: Protocol for a Mixed Methods Study. JMIR research protocols, 13, e57981.

Wang S, et al. (2023) YY1 is regulated by ALKBH5-mediated m6A modification and promotes autophagy and cancer progression through targeting ATG4B. Aging, 15(18), 9590.

Neveu D, et al. (2023) Structured Benefit-Risk Assessment of a New Quadrivalent Meningococcal Conjugate Vaccine (MenACYW-TT) in Individuals Ages 12 Months and Older. Infectious diseases and therapy, 12(10), 2367.

Merten JW, et al. (2023) Evaluation of a Brief, Tailored Skin Cancer Risk Assessment and Referral Intervention for Community-Based Health Educators: Brief Report. Journal of cancer education : the official journal of the American Association for Cancer Education, 38(1), 24.

Liukas T, et al. (2023) Towards automated risk prediction of persistent pain: Exploring psychosocial factors from electronic health records after breast cancer surgery. *Nursing open*, 10(5), 3399.

Panayi A, et al. (2023) Evaluation of a prototype machine learning tool to semi-automate data extraction for systematic literature reviews. *Systematic reviews*, 12(1), 187.

Sabatschus I, et al. (2022) Comparative Benefit-Risk Assessment for Lidocaine 700??mg Medicated Plaster and Pregabalin in Peripheral Neuropathic Pain Following a Structured Framework Approach. *Pain and therapy*, 11(1), 73.

Kifor CV, et al. (2022) Work from Home during the COVID-19 Pandemic-The Impact on Employees' Self-Assessed Job Performance. *International journal of environmental research and public health*, 19(17).

Deng L, et al. (2021) Constructing High-Fidelity Phenotype Knowledge Graphs for Infectious Diseases With a Fine-Grained Semantic Information Model: Development and Usability Study. *Journal of medical Internet research*, 23(6), e26892.

Kittner M, et al. (2021) Annotation and initial evaluation of a large annotated German oncological corpus. *JAMIA open*, 4(2), ooab025.

Syed M, et al. (2021) DeIDNER Corpus: Annotation of Clinical Discharge Summary Notes for Named Entity Recognition Using BRAT Tool. *Studies in health technology and informatics*, 281, 432.

Katz EG, et al. (2021) Benefit-Risk Assessment of Esketamine Nasal Spray vs. Placebo in Treatment-Resistant Depression. *Clinical pharmacology and therapeutics*, 109(2), 536.