

Resource Summary Report

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BSMAP

RRID:SCR_005671

Type: Tool

Proper Citation

BSMAP (RRID:SCR_005671)

Resource Information

URL: <https://code.google.com/p/bsmap/>

Proper Citation: BSMAP (RRID:SCR_005671)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on May 18, 2023. Short reads mapping software for bisulfite sequencing reads.

Abbreviations: BSMAP

Synonyms: Bisulfite Sequence Mapping Program

Resource Type: software resource

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: BSMAP

Resource ID: SCR_005671

Alternate IDs: OMICS_00579

Record Creation Time: 20220129T080231+0000

Record Last Update: 20260725T190607+0000

Ratings and Alerts

No rating or validation information has been found for BSMAP.

No alerts have been found for BSMAP.

Data and Source Information

Usage and Citation Metrics

We found 355 mentions in open access literature.

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

Choy KY, et al. (2025) Hypomethylation of thrombospondin-1 promoter region is associated with reduced aqueous humor flow. *Communications biology*, 8(1), 1430.

Grillo G, et al. (2025) ZBTB24 is a conserved multifaceted transcription factor at genes and centromeres that governs the DNA methylation state and expression of satellite repeats. *Human molecular genetics*, 34(2), 161.

Guo L, et al. (2025) Duckweed: a starch-hyperaccumulating plant under cultivation with a combination of nutrient limitation and elevated CO₂. *Frontiers in plant science*, 16, 1531849.

Yu R, et al. (2025) Whole-Genome Methylation Sequencing Analysis and Functional Verification of LIM-Homeobox Family Genes in Cervical Cancer. *International journal of general medicine*, 18, 87.

Jang H, et al. (2025) Structure and evolution of the Forsythieae genome elucidated by chromosome-level genome comparison of *Abeliophyllum distichum* and *Forsythia ovata* (Oleaceae). *Communications biology*, 8(1), 254.

Wen D, et al. (2025) Application of a new composite genetic marker semen-specific methylation-microhaplotype in the analysis of semen-vaginal fluid mixtures. *Royal Society open science*, 12(1), 241565.

Ahn SH, et al. (2025) Multi-omic insights into molecular mechanism and therapeutic targets in spinocerebellar ataxia type 7. *Molecular therapy. Nucleic acids*, 36(1), 102414.

Liu Y, et al. (2025) DNA Methylation and Transcriptome Profiling Reveal the Role of the Antioxidant Pathway and Lipid Metabolism in *Plectropomus leopardus* Skin Color Formation. *Antioxidants (Basel, Switzerland)*, 14(1).

Cassuto NG, et al. (2025) Genome-Wide microRNA Expression Profiling in Human Spermatozoa and Its Relation to Sperm Quality. *Genes*, 16(1).

Zhang Y, et al. (2025) Transgenerational inheritance of diabetes susceptibility in male offspring with maternal androgen exposure. *Cell discovery*, 11(1), 14.

Guo HY, et al. (2025) Gestational diabetes mellitus causes genome hyper-methylation of oocyte via increased EZH2. *Nature communications*, 16(1), 127.

Usai G, et al. (2025) Haplotype-resolved genome assembly of *Ficus carica* L. reveals allele-specific expression in the fruit. *The Plant journal : for cell and molecular biology*, 121(4), e70012.

Ma Y, et al. (2025) Generation of live mice from haploid ESCs with germline-DMR deletions or switch. *Cell discovery*, 11(1), 5.

Graham MK, et al. (2024) The TERT Promoter is Polycomb-Repressed in Neuroblastoma Cells with Long Telomeres. *Cancer research communications*, 4(6), 1533.

Legault LM, et al. (2024) Sex-based disparities in DNA methylation and gene expression in late-gestation mouse placentas. *Biology of sex differences*, 15(1), 2.

Li Z, et al. (2024) Integrated analysis of DNA methylome and transcriptome revealing epigenetic regulation of CRIR1-promoted cold tolerance. *BMC plant biology*, 24(1), 631.

Wang W, et al. (2024) A DNA demethylase reduces seed size by decreasing the DNA methylation of AT-rich transposable elements in soybean. *Communications biology*, 7(1), 613.

Ohtani H, et al. (2024) Efficient activation of hundreds of LTR12C elements reveals cis-regulatory function determined by distinct epigenetic mechanisms. *Nucleic acids research*, 52(14), 8205.

Shi W, et al. (2024) Epigenomic Landscape of Human Cumulus Cells in Premature Ovarian Insufficiency Using Single-Base Resolution Methylome and Hydroxymethylome. *Journal of cellular and molecular medicine*, 28(24), e70284.

Montaño J, et al. (2024) Transcriptional re-programming of liver-resident iNKT cells into T-regulatory type-1-like liver iNKT cells involves extensive gene de-methylation. *Frontiers in immunology*, 15, 1454314.