

# Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

## QUMA

RRID:SCR\_010907

Type: Tool

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### Proper Citation

QUMA (RRID:SCR\_010907)

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### Resource Information

**URL:** <http://quma.cdb.riken.jp/>

**Proper Citation:** QUMA (RRID:SCR\_010907)

**Description:** You can easily align, visualize and quantify bisulfite sequence data for CpG methylation analysis.

**Abbreviations:** QUMA

**Synonyms:** QUantification tool for Methylation Analysis

**Resource Type:** software resource

**Keywords:** bio.tools

**Resource Name:** QUMA

**Resource ID:** SCR\_010907

**Alternate IDs:** OMICS\_00588, biotools:quma

**Alternate URLs:** <https://bio.tools/quma>

**Record Creation Time:** 20220129T080301+0000

**Record Last Update:** 20260905T132649+0000

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### Ratings and Alerts

No rating or validation information has been found for QUMA.

No alerts have been found for QUMA.

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### Data and Source Information

## Usage and Citation Metrics

We found 398 mentions in open access literature.

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

Santerre M, et al. (2026) HIV Vpr induces demethylation of the SNCA antisense promoter, leading to neurocognitive impairment. *Scientific reports*, 16(1), 6078.

Huang E, et al. (2026) OGDH mediates  $\alpha$ -ketoglutarate-induced follicular development and antioxidative response by interacting with CAT/SOD2. *Biological research*, 59(1).

Li T, et al. (2026) Innate immune sensing via the cGAS-STING pathway restricts extrachromosomal DNA-driven tumorigenesis. *bioRxiv : the preprint server for biology*.

Xu J, et al. (2026) Ketogenic diet can inhibit epileptic seizures by inhibiting RGMA methylation to promote GluA1 palmitoylation in the epileptic rat model. *Nutrition & metabolism*, 23(1), 30.

Ju S, et al. (2026) A versatile VLP-mediated CRISPR-RNP platform for precise genome editing and durable epigenome silencing in cancer. *Molecular therapy. Nucleic acids*, 37(3), 102978.

Yang F, et al. (2026) Inflammatory memory disables a DDR1 degradation checkpoint to enable pancreatic cancer growth. *bioRxiv : the preprint server for biology*.

Wu X, et al. (2026) Endogenous VEGF signaling acts as a guardian of human primed pluripotency. *Nature communications*, 17(1).

Wan C, et al. (2026) Reconstitution of spermatogenesis and continuous generation of functional haploid germ cells in mouse testicular organoids. *Nature communications*, 17(1).

Zhang Q, et al. (2026) Construction of a DNA Methylation Map of Argali Hybrid Sheep During Mo Infection. *Microorganisms*, 14(3).

Yang Z, et al. (2026) Effects of Betaine on DNA Methylation Level, Expression Level, and Fat Synthesis of VNN1 in Goose Hepatocytes. *Animals : an open access journal from MDPI*, 16(4).

Wang Q, et al. (2026) DNA methylation regulation of CYP450-lipid metabolism by high-altitude hypoxia: linking neuroinflammation to cognitive impairment. *Journal of neuroinflammation*, 23(1).

Li J, et al. (2026) In vitro mimicking of humanized cardiogenesis under porcine condition. *Cell & bioscience*, 16(1), 22.

Hayashi Y, et al. (2025) Glial cells missing 1 triggers gliosis and angiogenesis after neonatal brain injury. *iScience*, 28(11), 113860.

Amistadi S, et al. (2025) Dissecting the epigenetic regulation of the fetal hemoglobin genes to unravel a novel therapeutic approach for  $\beta$ -hemoglobinopathies. *Nucleic acids research*, 53(13).

Zhou X, et al. (2025) Potentiating anti-tumor immunity by re-engaging immune synapse molecules. *Cell reports. Medicine*, 6(3), 101975.

Wang X, et al. (2025) DNA Methylation of Igf2r Promoter CpG Island 2 Governs Cis-Acting Inheritance and Gene Dosage in Equine Hybrids. *Biology*, 14(6).

Hashimoto K, et al. (2025) STAT1-mediated epigenetic regulation of LIN28A controls iPSC-derived platelet production through the let-7-RALB axis. *Blood advances*, 9(17), 4345.

Qian W, et al. (2025) Selective identification of epigenetic regulators at methylated genomic sites by SelectID. *Nature communications*, 16(1), 3709.

Hara S, et al. (2025) Identification of maternal allele sequences of IG-DMR that are essential for neonatal viability. *PloS one*, 20(5), e0324882.

Hali S, et al. (2025) Differentiation Defect Into GABAergic Neurons in Cerebral Organoids From Autism Patients. *CNS neuroscience & therapeutics*, 31(6), e70449.