

# Resource Summary Report

Generated by [RRID](#) on Aug 2, 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:** 20260801T190400+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 364 mentions in open access literature.

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

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

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.

Amistadi S, et al. (2025) Dissecting the epigenetic regulation of the fetal hemoglobin genes to unravel a novel therapeutic approach for  $\beta^0$ -hemoglobinopathies. *Nucleic acids research*, 53(13).

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

Min X, et al. (2025) DNA demethylation mediated endogenous retroviruses transcription promotes aberrant T cell differentiation in systemic lupus erythematosus via RIG-I pathway. *EBioMedicine*, 120, 105934.

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.

Tomczak K, et al. (2025) Plasma DNA Methylation-Based Biomarkers for MPNST Detection in Patients With Neurofibromatosis Type 1. *Molecular carcinogenesis*, 64(1), 44.

Han D, et al. (2025) Multipotent neural stem cells originating from neuroepithelium exist outside the mouse central nervous system. *Nature cell biology*, 27(4), 605.

Rong M, et al. (2025) CpG site methylation regulates mouse Rec8 gene promoter activity. *The Journal of reproduction and development*, 71(3), 145.

Zhang YY, et al. (2025) Unlocking the potential of TIGIT in enhancing therapeutic strategies for acute myeloid leukemia through combined azacitidine therapy. *NPJ precision oncology*, 9(1), 142.

Motosugi N, et al. (2025) Highly efficient XIST reactivation in female hPSC by transient dual inhibition of TP53 and DNA methylation during Cas9 mediated genome editing. *Stem cell research & therapy*, 16(1), 389.

Gibson EF, et al. (2025) Prolonged fasting and glucocorticoid exposure drive dynamic DNA methylation in northern elephant seals. *The Journal of experimental biology*, 228(15).

Gaggi G, et al. (2025) Small activating RNA AW1-51 (CEBPA-51) elicits targeted DNA demethylation to promote gene activation. *bioRxiv : the preprint server for biology*.

de Oliveira Leme L, et al. (2025) Reduction of nutrients concentration in culture medium has no effect on bovine embryo production, pregnancy and birth rates. *Scientific reports*, 15(1), 4839.

Jiang C, et al. (2025) NR4A1 suppresses breast cancer growth by repressing c-Fos-mediated lipid and redox dyshomeostasis. *Experimental & molecular medicine*, 57(4), 804.

Chen D, et al. (2025) DNA Methylation Mediates the Transcription of STAT4 to Regulate KISS1 During Follicular Development. *Cells*, 14(7).

Lei J, et al. (2025) Gestational glucocorticoid exposure impaired endothelial nitric oxide synthesis via downregulating IP3 receptor 3 expression in male offspring vessels. *Journal of hypertension*, 43(8), 1423.