Resource Summary Report

Generated by dkNET on Apr 30, 2025

QUMA

RRID:SCR_010907

Type: Tool

Proper Citation

QUMA (RRID:SCR_010907)

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

Funding:

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: 20250420T014514+0000

Ratings and Alerts

No rating or validation information has been found for QUMA.

No alerts have been found for QUMA.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 339 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

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

Chen L, et al. (2024) WGBS of embryonic gonads revealed that long non-coding RNAs in the MHM region might be involved in cell autonomous sex identity and female gonadal development in chickens. Epigenetics, 19(1), 2283657.

Wei X, et al. (2024) Inter- and trans-generational impacts of real-world PM2.5 exposure on male-specific primary hypogonadism. Cell discovery, 10(1), 44.

Ghosh K, et al. (2024) DNA demethylation in the hypothalamus promotes transcription of Agtr1a and Slc12a2 and hypertension development. The Journal of biological chemistry, 300(2), 105597.

Bodea GO, et al. (2024) LINE-1 retrotransposons contribute to mouse PV interneuron development. Nature neuroscience, 27(7), 1274.

Akhter MZ, et al. (2024) FAK regulates tension transmission to the nucleus and endothelial transcriptome independent of kinase activity. Cell reports, 43(6), 114297.

Karbassi E, et al. (2024) Targeted CRISPR activation is functional in engineered human pluripotent stem cells but undergoes silencing after differentiation into cardiomyocytes and endothelium. Cellular and molecular life sciences: CMLS, 81(1), 95.

Takenaka Y, et al. (2024) Shared Mechanisms in Ppar?1sv and Ppar?2 Expression in 3T3-L1 Cells: Studies on Epigenetic and Positive Feedback Regulation of Ppar? during Adipogenesis. PPAR research, 2024, 5518933.

Yakhnitsa V, et al. (2024) Dysfunction of Small-Conductance Ca2+-Activated Potassium (SK) Channels Drives Amygdala Hyperexcitability and Neuropathic Pain Behaviors: Involvement of Epigenetic Mechanisms. Cells, 13(12).

Aalam SMM, et al. (2024) The Mayo Clinic Salivary Tissue-Organoid Biobanking: A

Resource for Salivary Regeneration Research. bioRxiv: the preprint server for biology.

Hesham D, et al. (2024) Epigenetic silencing of ZIC4 unveils a potential tumor suppressor role in pediatric choroid plexus carcinoma. Scientific reports, 14(1), 21293.

Ge T, et al. (2024) DNA cytosine methylation suppresses meiotic recombination at the sexdetermining region. Science advances, 10(41), eadr2345.

Yang Q, et al. (2024) DNMT1 regulates human erythropoiesis by modulating cell cycle and endoplasmic reticulum stress in a stage-specific manner. Cell death and differentiation, 31(8), 999.

Tang S, et al. (2024) Maternal Obesity Induces the Meiotic Defects and Epigenetic Alterations During Fetal Oocyte Development. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(30), e2309184.

Hara S, et al. (2024) Identification of responsible sequences which mutations cause maternal H19-ICR hypermethylation with Beckwith-Wiedemann syndrome-like overgrowth. Communications biology, 7(1), 1605.

Li N, et al. (2024) The antisense IncRNA of TAB2 that prevents oxidative stress to enhance the follicular growth in mammals. Communications biology, 7(1), 1246.

Newman T, et al. (2024) PRKACB is a novel imprinted gene in marsupials. Epigenetics & chromatin, 17(1), 29.

Wu Y, et al. (2024) Ultrasound Control of Genomic Regulatory Toolboxes for Cancer Immunotherapy. Nature communications, 15(1), 10444.

Shao X, et al. (2023) Low-dose decitabine promotes M2 macrophage polarization in patients with primary immune thrombocytopenia via enhancing KLF4 binding to PPAR? promoter. Clinical and translational medicine, 13(7), e1344.

Ahn J, et al. (2023) Imprinting at the KBTBD6 locus involves species-specific maternal methylation and monoallelic expression in livestock animals. Journal of animal science and biotechnology, 14(1), 131.