Resource Summary Report

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CEMBA MethylC Seq Pipeline

RRID:SCR_021219
Type: Tool

Proper Citation

CEMBA MethylC Seq Pipeline (RRID:SCR_021219)

Resource Information

URL:
https://broadinstitute.github.io/warp/docs/Pipelines/CEMBA_MethylC_Seq_Pipeline/README

Proper Citation: CEMBA MethylC Seq Pipeline (RRID:SCR_021219)

Description: Software pipeline that supports processing of multiplexed single nuclei bisulfite sequencing data to detect methylated bases. Alignment and methylated base calling pipeline that trims adaptors, attaches cell barcodes, aligns reads to genome, filters reads based on quality and creates both VCF and ALLC file with Emethylation site coverage.

Synonyms: Center for Epigenomics of the Mouse Brain Atlas MethylC Seq Pipeline, CEMBA, MethylC-Seq Pipeline

Resource Type: software resource, software application, data processing software

Keywords: Multiplexed single nuclei bisulfite, sequencing data, adaptor trimming, cell barcodes attaching, aligns reads to genome, filtering reads based on quality, creating VCF and ALLC file with methylation site coverage, methylated base calling, alignment pipeline, Center for Epigenomics of the Mouse Brain Atlas

Funding:

Availability: Free, Available for download, Freely available

Resource Name: CEMBA MethylC Seq Pipeline

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Alternate URLs: https://app.terra.bio/#workspaces/brain-initiative-bcdc/Methyl-c-seq_Pipeline,

https://github.com/broadinstitute/warp/tree/master/pipelines/cemba/cemba_methylcseq

License: BSD 3-Clause

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Ratings and Alerts

No rating or validation information has been found for CEMBA MethylC Seq Pipeline.

No alerts have been found for CEMBA MethylC Seq Pipeline.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ament SA, et al. (2023) The Neuroscience Multi-Omic Archive: a BRAIN Initiative resource for single-cell transcriptomic and epigenomic data from the mammalian brain. Nucleic acids research, 51(D1), D1075.

Hawrylycz M, et al. (2023) A guide to the BRAIN Initiative Cell Census Network data ecosystem. PLoS biology, 21(6), e3002133.