Resource Summary Report

Generated by dkNET on May 16, 2025

Smart-seq2 Single Nucleus Multi Sample Pipeline

RRID:SCR_021312
Type: Tool

Proper Citation

Smart-seq2 Single Nucleus Multi Sample Pipeline (RRID:SCR_021312)

Resource Information

URL: https://github.com/broadinstitute/warp/tree/master/pipelines/skylab/smartseq2_single_nucleus_multisam

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Description: Software pipeline for single-nucleus RNAseq data generated by Smart-seq2 assays.Used to simultaneously process multiple libraries of single nuclei Smart-seq2 and Smart-seq4 data. For each library (nucleus), the pipeline trims paired FASTQ files, aligns trimmed reads to the genome, counts intronic and exonic reads, and calculates quality control metrics. Counts and metrics for all libraries are combined into merged Loom formatted count matrix.

Synonyms: Multi-snSS2, Smart-seq2 Single Nucleus Multi-Sample Pipeline

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

Keywords: snRNAseq data, Smart-seq2 assays, single nucleus, multi sample, WARP repository

Funding:

Availability: Free, Freely available

Resource Name: Smart-seq2 Single Nucleus Multi Sample Pipeline

Resource ID: SCR_021312

Alternate URLs: https://broadinstitute.github.io/warp/docs/Pipelines/Smart-seq2_Single_Nucleus_Multi_Sample_Pipeline/README,

https://app.terra.bio/#workspaces/warp-pipelines/Smart-seq2_Single_Nucleus_Muti-Sample

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Ratings and Alerts

No rating or validation information has been found for Smart-seq2 Single Nucleus Multi Sample Pipeline.

No alerts have been found for Smart-seq2 Single Nucleus Multi Sample 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.