Resource Summary Report

Generated by dkNET on Apr 19, 2025

Smart-seq2 Single Nucleus Multi Sample Pipeline

RRID:SCR 021312

Type: Tool

Proper Citation

Smart-seg2 Single Nucleus Multi Sample Pipeline (RRID:SCR_021312)

Resource Information

URL:

https://github.com/broadinstitute/warp/tree/master/pipelines/skylab/smartseq2_single_nucleus_multisan

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

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 toolkit, data processing software, software application, software resource

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

Record Creation Time: 20220129T080354+0000

Record Last Update: 20250419T055709+0000

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.