Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 13, 2025

ValIdated Systematic IntegratiON of epigenomic data

RRID:SCR_016921
Type: Tool

Proper Citation

ValIdated Systematic IntegratiON of epigenomic data (RRID:SCR_016921)

Resource Information

URL: http://www.bx.psu.edu/~giardine/vision/

Proper Citation: ValIdated Systematic IntegratiON of epigenomic data (RRID:SCR_016921)

Description: International project to analyze mouse and human hematopoiesis, and provide a tractable system with clear clinical significance and importance to NIDDK. Collection of information from the flood of epigenomic data on hematopoietic cells as catalogs of validated regulatory modules, quantitative models for gene regulation, and a guide for translation of research insights from mouse to human.

Abbreviations: VISION

Synonyms: ValIdated Systematic IntegratiON of epigenomic data, ValIdated Systematic IntegratiON

Resource Type: catalog, data or information resource, portal, project portal, database

Keywords: analyze, mouse, human, hematopoietic, cell, blood, component, collection, epigenomic, data, catalog, gene, regulation

Funding: National Institute for Diabetes and Digestive Diseases ;
NIH ;
NIDDK

Resource Name: ValIdated Systematic IntegratiON of epigenomic data

Resource ID: SCR_016921

Record Creation Time: 20220129T080332+0000

Record Last Update: 20250412T060040+0000

Ratings and Alerts

No rating or validation information has been found for ValIdated Systematic IntegratiON of epigenomic data .

No alerts have been found for ValIdated Systematic IntegratiON of epigenomic data .

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Kang H, et al. (2024) Altered tumor signature and T-cell profile after chemotherapy reveal new therapeutic opportunities in high-grade serous ovarian carcinoma. Cancer science, 115(3), 989.

McManus DT, et al. (2024) Early generation of a precursor CD8 T cell that can adapt to acute or chronic viral infection. Research square.

Yoshitake R, et al. (2024) Molecular features of luminal breast cancer defined through spatial and single-cell transcriptomics. Clinical and translational medicine, 14(1), e1548.

Jansen CS, et al. (2024) Pre-operative stereotactic radiosurgery and peri-operative dexamethasone for resectable brain metastases: a two-arm pilot study evaluating clinical outcomes and immunological correlates. Nature communications, 15(1), 8854.

Vokshi BH, et al. (2023) SMARCB1 regulates a TFCP2L1-MYC transcriptional switch promoting renal medullary carcinoma transformation and ferroptosis resistance. Nature communications, 14(1), 3034.

Hu Y, et al. (2022) TGF-? regulates the stem-like state of PD-1+ TCF-1+ virus-specific CD8 T cells during chronic infection. The Journal of experimental medicine, 219(10).

Wieland A, et al. (2021) Defining HPV-specific B cell responses in patients with head and neck cancer. Nature, 597(7875), 274.

An L, et al. (2019) OnTAD: hierarchical domain structure reveals the divergence of activity among TADs and boundaries. Genome biology, 20(1), 282.

Schulz VP, et al. (2019) A Unique Epigenomic Landscape Defines Human Erythropoiesis.

Cell reports, 28(11), 2996.