

Resource Summary Report

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Scooby

RRID:SCR_028110

Type: Tool

Proper Citation

Scooby (RRID:SCR_028110)

Resource Information

URL: <https://github.com/gagneurlab/scooby/>

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Description: Software application to predict scRNA-seq coverage and scATAC-seq insertion profiles along the genome at single-cell resolution. It leverages the pre-trained multi-omics profile predictor Borzoi as a foundation model, equips it with a cell-specific decoder, and fine-tunes its sequence embeddings.

Resource Type: software resource, source code, software application

Defining Citation: [PMID:41125796](#)

Keywords: convolutional neural networks, predict RNA-seq coverage, scATAC-seq insertion profiles, Borzoi, cell-specific decoder,

Funding: European Research Council ;
Gene Regulation Observatory at the Broad Institute of MIT & Harvard ;
NHLBI 5P01HL131477;
NHGRI UM1 HG011986;
NHLBI DP2 HL151353;
German Research Foundation

Availability: Free, Available for download, Freely available

Resource Name: Scooby

Resource ID: SCR_028110

License: MIT license

Record Creation Time: 20260314T064515+0000

Record Last Update: 20260804T043926+0000

Ratings and Alerts

No rating or validation information has been found for Scooby.

No alerts have been found for Scooby.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.