Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

TDimpute

RRID:SCR_018306
Type: Tool

Proper Citation

TDimpute (RRID:SCR_018306)

Resource Information

URL: https://github.com/sysu-yanglab/TDimpute

Proper Citation: TDimpute (RRID:SCR_018306)

Description: Software tool to transfer learning based deep neural network to impute missing gene expression data from DNA methylation data.

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

Defining Citation: DOI:10.1101/803692

Keywords: Transfer learning; gene expression prediction; DNA methylation; TCGA, neural network, missing gene expression, data, bio.tools

Funding:

Availability: Free, Available for download, Freely available

Resource Name: TDimpute

Resource ID: SCR_018306

Alternate IDs: biotools:tDimpute, BioTools:TDimpute

Alternate URLs: https://bio.tools/TDimpute, https://bio.tools/TDimpute, https://bio.tools/TDimpute

License: MIT License

Record Creation Time: 20220129T080339+0000

Record Last Update: 20250412T060229+0000

Ratings and Alerts

No rating or validation information has been found for TDimpute.

No alerts have been found for TDimpute.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zhou X, et al. (2020) Imputing missing RNA-sequencing data from DNA methylation by using a transfer learning-based neural network. GigaScience, 9(7).