Resource Summary Report

Generated by NIF on Apr 21, 2025

TargetRanger

RRID:SCR_023621
Type: Tool

Proper Citation

TargetRanger (RRID:SCR_023621)

Resource Information

URL: https://targetranger.maayanlab.cloud/

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Description: Web server application that identifies targets from user inputted RNA-seq samples collected from cells we wish to target. By comparing inputted samples with processed RNA-seq and proteomics data from several atlases, TargetRanger identifies genes that are highly expressed in target cells while lowly expressed across normal human cell types, tissues, and cell lines.

Resource Type: software resource, data access protocol, web service

Defining Citation: PMID:37166966

Keywords: identify targets, identify genes, user inputted RNA-seq samples, target cells, proteomics data, human cells,

Funding: NCI U24CA264250;
NCI U24CA224260;
NIDDK R01DK131525;
NIH Office of the Director OT2OD030160;
NIDDK RC2DK131995;
NCI U24CA271114

Availability: Free, Freely available

Resource Name: TargetRanger

Resource ID: SCR_023621

Alternate URLs: https://maayanlab.github.io/Workshop.io/generanger

Record Creation Time: 20230527T050216+0000

Record Last Update: 20250421T054456+0000

Ratings and Alerts

No rating or validation information has been found for TargetRanger.

No alerts have been found for TargetRanger.

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 NIF.

Deng EZ, et al. (2024) Multiomics2Targets identifies targets from cancer cohorts profiled with transcriptomics, proteomics, and phosphoproteomics. Cell reports methods, 4(8), 100839.

Marino GB, et al. (2024) Protocol for using Multiomics2Targets to identify targets and driver kinases for cancer cohorts profiled with multi-omics assays. STAR protocols, 5(4), 103457.