

Resource Summary Report

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cancerRxTissue

RRID:SCR_025721

Type: Tool

Proper Citation

cancerRxTissue (RRID:SCR_025721)

Resource Information

URL: <https://manticore.niehs.nih.gov/cancerRxTissue/>

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Description: Web application for drug sensitivity predictions for Cancer Genome Atlas RNA-seq data and Drug Sensitivity Predictions for GTEx RNA-seq data. Used to predict drug sensitivity for both normal and tumor tissues. You can query, visualize, and download predicted IC50 values of drugs using ID, name, target or pathway.

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

Keywords: Cancer Genome Atlas RNA-seq data, built predictive models, predict drug sensitivity, Drug Sensitivity Predictions for GTEx RNA-seq data, normal tissues, tumor tissues,

Availability: Free, Freely available,

Resource Name: cancerRxTissue

Resource ID: SCR_025721

Record Creation Time: 20240914T053302+0000

Record Last Update: 20260904T001006+0000

Ratings and Alerts

No rating or validation information has been found for cancerRxTissue.

No alerts have been found for cancerRxTissue.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Wang R, et al. (2026) Functional, Pharmacogenomic, and Immune Landscapes of Long Non-Coding RNAs in Cancer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(6), e13414.

Luo M, et al. (2025) Ancestral Differences in Anticancer Treatment Efficacy and Their Underlying Genomic and Molecular Alterations. Cancer discovery, 15(3), 511.

Sahu D, et al. (2024) Development of a polygenic score predicting drug resistance and patient outcome in breast cancer. NPJ precision oncology, 8(1), 219.

Kumar S, et al. (2022) MALAT1 as master regulator of biomarkers predictive of pan-cancer multi-drug resistance in the context of recalcitrant NRAS signaling pathway identified using systems-oriented approach. Scientific reports, 12(1), 7540.