

Resource Summary Report

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OncoDB

RRID:SCR_028340

Type: Tool

Proper Citation

OncoDB (RRID:SCR_028340)

Resource Information

URL: <https://oncodb.org/>

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Description: Database offers integrated multi-omic data for patients across 33 cancer types. It encompasses gene expression, DNA methylation, somatic mutations, proteomic profiles, and chromatin accessibility, drawing from TCGA, GTEx, and CPTAC projects. Users can compare gene expression, DNA methylation, and protein levels between tumor and normal tissues, identifying differentially expressed genes and proteins, and examining gene-to-gene correlations. Provides oncogene mutation profiles and allows for survival analysis based on gene expression and methylation, linked to clinical parameters. Facilitates exploration of multi-omic correlations, such as gene expression with DNA methylation, and their variations with mutation status. Extends its analytical capabilities to include six major oncoviruses, offering insights into their impact on gene expression, methylation, and patient survival.

Synonyms: OncoDB2.0

Resource Type: database, data or information resource

Defining Citation: [PMID:34718715](#), [PMID:40995640](#)

Keywords: cancer patients data, gene expression, DNA methylation, somatic mutations, proteomic profiles, chromatin accessibility,

Funding: NIDCR R01DE026471;
NIGMS R35GM141535;
NCI R01CA287778

Availability: Free, Freely available,

Resource Name: OncoDB

Resource ID: SCR_028340

Record Creation Time: 20260428T054601+0000

Record Last Update: 20260805T044628+0000

Ratings and Alerts

No rating or validation information has been found for OncoDB.

No alerts have been found for OncoDB.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.