Resource Summary Report

Generated by dkNET on Sep 19, 2026

TIMER

RRID:SCR_018737
Type: Tool

Proper Citation

TIMER (RRID:SCR_018737)

Resource Information

URL: https://cistrome.shinyapps.io/timer/

Proper Citation: TIMER (RRID:SCR_018737)

Description: Web server for comprehensive analysis of tumor infiltrating immune cells. Web tool for systematical analysis of immune infiltrates across diverse cancer types. Allows users to input function specific parameters, with resulting figures dynamically displayed to access tumor immunological, clinical, and genomic features.

Abbreviations: TIMER

Synonyms: Tumor IMmune Estimation Resource

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

Defining Citation: PMID:29092952

Keywords: Tumor, tumor infiltrating immune cell, immune cell, cell, analysis, cancer cell, cancer type, tumor immunological feature, tumor genomic feature, display

Funding: Dana-Farber Cancer Institute ;
National Natural Science Foundation of China ;
NCI CA180980

Availability: Free, Freely available

Resource Name: TIMER

Resource ID: SCR_018737

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260919T195357+0000

Ratings and Alerts

No rating or validation information has been found for TIMER.

No alerts have been found for TIMER.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3010 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Manoukian P, et al. (2026) Estrogen Production in Pancreatic Cancer Shapes a Tumor-Suppressive Stromal Microenvironment. Cancer research, 86(3), 571.

Xia P, et al. (2026) CD27 expression is a clinically accessible biomarker for predicting immunotherapy response in melanoma. NPJ precision oncology, 10(1).

Solernó LM, et al. (2026) Combined treatment using repurposed synthetic peptide desmopressin and bevacizumab as a potential antiangiogenic strategy in osteosarcoma. Frontiers in medicine, 13, 1864843.

Al-Mathkour MM, et al. (2026) The YAP1 and EPHA3 receptor tyrosine kinase axis regulates cellular plasticity and treatment response. Cellular signalling, 141, 112368.

Wang XX, et al. (2026) Modulating the tumor immune phenotypes by radiotherapy: formulating and validating the combination therapy of radiation, PD-L1, and TIM-3 blockade in colorectal cancer. Journal for immunotherapy of cancer, 14(2).

Yoo J, et al. (2026) Spatial Transcriptomic Landscape of Brain Metastases from Triple-Negative Breast Cancer: Comparison of Primary Tumor and Brain Metastases Using Spatial Analysis. Cancer research and treatment, 58(1), 182.

Yang J, et al. (2026) Prickle4 Drives Microenvironmental Remodeling and Resistance to Parp Inhibition in IDH-Mutant Glioma. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(3), e03866.

Rao Z, et al. (2026) Palmitic acid-triggered B7H3 palmitoylation promotes immune escape. Nature communications, 17(1), 1810.

Lu L, et al. (2026) The pseudouridine synthase PUS7 is associated with stemness and represents a potential therapeutic target in triple-negative breast cancer cells. Scientific reports, 16(1), 2411.

Yin J, et al. (2026) Regulating Tumor Metabolic Reprogramming with Biomimetic Co-Delivery of Simvastatin and Kynureninase for Immunotherapy. Advanced science

(Weinheim, Baden-Wurttemberg, Germany), 13(12), e08107.

Hu YM, et al. (2026) Elevated Tumor-Associated Androgen Receptor Activity Correlates with Poor Immune Infiltration and Immunotherapy Response across Cancer Types. Cancer research communications, 6(1), 17.

Guo J, et al. (2026) Pan-cancer and multi-omics analyses reveal the diagnostic and prognostic value of BAZ2B in cancer. Scientific reports, 16(1), 3578.

Gao L, et al. (2026) Therapeutic potential of CDK8 inhibitor combined with sorafenib for hepatocellular carcinoma: mechanistic insights and in vitro validation. European journal of medical research, 31(1), 219.

Zhou L, et al. (2026) APOs as promising prognostic biomarkers: correlation with tumor-infiltrating leukocytes in endometrial cancer. Frontiers in immunology, 17, 1646920.

Huang Z, et al. (2026) Integrative analysis of the PSMA family identifies PSMA6 as an adverse prognostic biomarker promoting bladder cancer cell proliferation. International journal of medical sciences, 23(3), 986.

Pan P, et al. (2026) The MEOX1-PAX1 axis coordinately regulates tumor cell malignancy and Treg differentiation in glioblastoma. Scientific reports, 16(1).

Xu ZH, et al. (2026) ERR?-KDM5C restrains STING enhancer activity to modulate type I interferon signaling in breast cancer progression. Cell death & disease, 17(1), 228.

Lin S, et al. (2026) Clinical significance and oncogenic role of ECHDC2 in glioblastoma: a comprehensive analysis based on bioinformatics and in vitro experiments. Frontiers in genetics, 17, 1759463.

Tian W, et al. (2026) The role of ASIC2 in glioma progression: implications for prognosis and therapeutic targeting. PeerJ, 14, e20583.

Kishan R, et al. (2026) Ablation of cancer cell secreted neuropeptide PTHLH/PTHrP provokes anti-tumor immunity in murine tongue squamous cell carcinoma. Scientific reports, 16(1), 6920.