

Resource Summary Report

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McPAS-TCR

RRID:SCR_026024

Type: Tool

Proper Citation

McPAS-TCR (RRID:SCR_026024)

Resource Information

URL: <https://friedmanlab.weizmann.ac.il/McPAS-TCR/>

Proper Citation: McPAS-TCR (RRID:SCR_026024)

Description: Manually curated database of T cell receptor sequences associated with various pathologic conditions including pathogen infections, cancer and autoimmunity and their respective antigens in humans and in mice. Links TCR sequences to their target antigen and/or to the organ with which they are associated and subsequent pathologies. Database can be searched by source organism, disease, tissue, T cell type, antigen sequence, MHC class, etc.

Resource Type: data or information resource, database

Defining Citation: [PMID:28481982](#)

Keywords: Manually curated database, T cell receptor sequences, database of T cell receptor sequences, sequences associated with pathologic conditions, pathogen infections, cancer, autoimmunity,

Funding: CORE Program of the Planning and Budgeting Committee ; Israel Science Foundation

Availability: Free, Freely available

Resource Name: McPAS-TCR

Resource ID: SCR_026024

Record Creation Time: 20241109T053310+0000

Record Last Update: 20260811T043802+0000

Ratings and Alerts

No rating or validation information has been found for McPAS-TCR.

No alerts have been found for McPAS-TCR.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Jing Y, et al. (2026) Increased Nur77 is disconnected from TCR affinity in insulin-specific Tregs. *Journal of immunology* (Baltimore, Md. : 1950), 215(6).

Revelant A, et al. (2025) Radical hemithorax radiotherapy induces an increase in circulating PD-1+ T lymphocytes and in the soluble levels of PD-L1 in malignant pleural mesothelioma patients: a possible synergy with PD-1/PD-L1 targeting treatment? *Frontiers in immunology*, 16, 1534766.

Le P, et al. (2025) PepTCR-Net: prediction of multi-class antigen peptides by T-cell receptor sequences with deep learning. *Briefings in bioinformatics*, 26(4).

West EJ, et al. (2025) A Phase I Clinical Trial of Intrahepatic Artery Delivery of TG6002 in Combination with Oral 5-Fluorocytosine in Patients with Liver-Dominant Metastatic Colorectal Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(7), 1243.

O'Brien H, et al. (2024) A modular protein language modelling approach to immunogenicity prediction. *PLoS computational biology*, 20(11), e1012511.