## **Resource Summary Report**

Generated by <u>dkNET</u> on May 20, 2025

# **epitopepredict**

RRID:SCR\_019221 Type: Tool

**Proper Citation** 

epitopepredict (RRID:SCR\_019221)

### **Resource Information**

URL: https://github.com/dmnfarrell/epitopepredict

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**Description:** Open source software tool as programmatic framework and command line tool designed to aid process of MHC binding prediction. Provides access to multiple binding prediction algorithms under single interface and scales for whole genomes using multiple target MHC alleles.Software should be run on Linux operating system. Ubuntu is recommended but most major distributions will be fine. Windows is not supported.

Resource Type: software resource, software application, simulation software

**Keywords:** Protein sequence, MHC binding prediction, whole genomes, multiple target MHC allele, epitope prediction, bio.tools

#### Funding:

Availability: Free, Available for download, Freely available

Resource Name: epitopepredict

Resource ID: SCR\_019221

Alternate IDs: biotools:epitopepredict

Alternate URLs: https://epitopepredict.readthedocs.io/en/latest/, https://bio.tools/epitopepredict

License: GPL V3.0

Record Creation Time: 20220129T080344+0000

Record Last Update: 20250519T204052+0000

### **Ratings and Alerts**

No rating or validation information has been found for epitopepredict.

No alerts have been found for epitopepredict.

### 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 <u>dkNET</u>.

La Paglia L, et al. (2023) Bioactive Molecules from the Innate Immunity of Ascidians and Innovative Methods of Drug Discovery: A Computational Approach Based on Artificial Intelligence. Marine drugs, 22(1).

Farrell D, et al. (2021) epitopepredict: a tool for integrated MHC binding prediction. GigaByte (Hong Kong, China), 2021, gigabyte13.