

Resource Summary Report

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[EPIMHC](#)

RRID:SCR_016279

Type: Tool

Proper Citation

EPIMHC (RRID:SCR_016279)

Resource Information

URL: <http://imed.med.ucm.es/epimhc/>

Proper Citation: EPIMHC (RRID:SCR_016279)

Description: Database of naturally processed MHC-restricted peptide ligands and epitopes for customized computational vaccinology.

Synonyms: EPIMHC Database

Resource Type: database, data or information resource

Defining Citation: [PMID:15657103](#)

Keywords: mhc, peptide, ligand, eiptope, vaccine, vaccinology, virology, t cell, immunogenic, molecule, virus

Funding: NIAID AI50900;
NIAID AI43649;
Molecular Immunology Foundation

Availability: Freely available, The research community can contribute to this resource

Resource Name: EPIMHC

Resource ID: SCR_016279

Record Creation Time: 20220129T080329+0000

Record Last Update: 20260805T044351+0000

Ratings and Alerts

No rating or validation information has been found for EPIMHC.

No alerts have been found for EPIMHC.

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 [RRID](#) .

Leal J, et al. (2020) Peptides as surface coatings of nanoparticles that penetrate human cystic fibrosis sputum and uniformly distribute in vivo following pulmonary delivery. Journal of controlled release : official journal of the Controlled Release Society, 322, 457.

Oli AN, et al. (2020) Immunoinformatics and Vaccine Development: An Overview. ImmunoTargets and therapy, 9, 13.

Molero-Abraham M, et al. (2014) Customized predictions of peptide-MHC binding and T-cell epitopes using EPIMHC. Methods in molecular biology (Clifton, N.J.), 1184, 319.

Lundegaard C, et al. (2010) Major histocompatibility complex class I binding predictions as a tool in epitope discovery. Immunology, 130(3), 309.