MHCBN: A comprehensive database of MHC binding and non-binding peptides

RRID:SCR_007785
Type: Tool

Proper Citation

MHCBN: A comprehensive database of MHC binding and non-binding peptides (RRID:SCR_007785)

Resource Information

URL: http://www.imtech.res.in/raghava/mhcbn/

Proper Citation: MHCBN: A comprehensive database of MHC binding and non-binding peptides (RRID:SCR_007785)

Description: The MHCBN is a curated database consisting of detailed information about Major Histocompatibility Complex (MHC) Binding,Non-binding peptides and T-cell epitopes. The version 4.0 of database provides information about peptides interacting with TAP and MHC linked autoimmune diseases.

Synonyms: MHCBN

Resource Type: database, data or information resource

Funding:

Resource Name: MHCBN: A comprehensive database of MHC binding and non-binding peptides

Resource ID: SCR_007785

Alternate IDs: nif-0000-03123

Record Creation Time: 20220129T080243+0000

Record Last Update: 20250412T055213+0000

Ratings and Alerts

No rating or validation information has been found for MHCBN: A comprehensive database of MHC binding and non-binding peptides.

No alerts have been found for MHCBN: A comprehensive database of MHC binding and non-binding peptides.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Sharma A, et al. (2021) Advanced strategies for development of vaccines against human bacterial pathogens. World journal of microbiology & biotechnology, 37(4), 67.

Kelly A, et al. (2017) Introduction: MHC/KIR and governance of specificity. Immunogenetics, 69(8-9), 481.

Zhang XW, et al. (2013) A combination of epitope prediction and molecular docking allows for good identification of MHC class I restricted T-cell epitopes. Computational biology and chemistry, 45, 30.

Tong JC, et al. (2011) Understanding infectious agents from an in silico perspective. Drug discovery today, 16(1-2), 42.

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

Tong JC, et al. (2009) Immunoinformatics: current trends and future directions. Drug discovery today, 14(13-14), 684.

Chaudhary N, et al. (2009) Prophylactic and Therapeutic Potential of Asp f1 Epitopes in Naïve and Sensitized BALB/c Mice. Immune network, 9(5), 179.

Lata S, et al. (2009) MHCBN 4.0: A database of MHC/TAP binding peptides and T-cell epitopes. BMC research notes, 2, 61.

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.

Toseland CP, et al. (2005) AntiJen: a quantitative immunology database integrating functional, thermodynamic, kinetic, biophysical, and cellular data. Immunome research, 1(1),

4.