Resource Summary Report

Generated by RRID on Aug 4, 2026

MHCnuggets

RRID:SCR_028674
Type: Tool

Proper Citation

MHCnuggets (RRID:SCR_028674)

Resource Information

URL: https://github.com/KarchinLab/mhcnuggets

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Description: Software tool that predicts how protein pieces bind to Major Histocompatibility Complex (MHC) molecules. It uses deep learning to process peptide sequences, handle variable lengths, and evaluate both common and rare alleles. Used to predicts peptide-MHC binding. Can predict binding for common or rare alleles of MHC class I or II with a single neural network architecture.

Resource Type: software resource, software application, source code

Defining Citation: PMID:31871119

Keywords: MHC Class I and Class II neoantigen binding prediction, predict peptide-MHC binding,

Funding: NCI CA121113;
NCI CA006973;
NCI CA180950;
Dutch Cancer Society International Translational Cancer Research

Availability: Free, Available for download, Freely available

Resource Name: MHCnuggets

Resource ID: SCR_028674

License URLs: https://github.com/KarchinLab/mhcnuggets?tab=License-1-ov-file

Record Creation Time: 20260714T043827+0000

Record Last Update: 20260804T043945+0000

Ratings and Alerts

No rating or validation information has been found for MHCnuggets.

No alerts have been found for MHCnuggets.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.