

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 1, 2026

[HLAsupE](#)

RRID:SCR_016277

Type: Tool

Proper Citation

HLAsupE (RRID:SCR_016277)

Resource Information

URL: <http://www.immunoinformatics.net/HLAsupE/>

Proper Citation: HLAsupE (RRID:SCR_016277)

Description: Database of HLA supertype-specific epitopes. It describes major histocompatibility complex (MHC) molecules that bind short peptides derived from endogenous or exogenous antigens and present them onto the surface of antigen-presenting cells (APCs) for T-cell receptor (TCR) recognition.

Synonyms: integrated database of HLA supertype specific epitopes

Resource Type: data or information resource, database

Defining Citation: [PMID:27307005](#)

Keywords: hla, supertype, epitope, t cell, immunology, immune, mhc, antigen, histocompatibility

Funding: 863 Project 2012AA02A407;
National Natural Science Foundation of China 31270788;
National Natural Science Foundation of China 31470899;
National Natural Science Foundation of China 91442203;
National Science and Technology Major Project 2012ZX09103301014

Availability: Freely available, Tutorial available

Resource Name: HLAsupE

Resource ID: SCR_016277

Record Creation Time: 20220129T080329+0000

Record Last Update: 20260829T183021+0000

Ratings and Alerts

No rating or validation information has been found for HLA^{SupE}.

No alerts have been found for HLA^{SupE}.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zhang S, et al. (2020) PromPDD, a web-based tool for the prediction, deciphering and design of promiscuous peptides that bind to HLA class I molecules. Journal of immunological methods, 476, 112685.