

# Resource Summary Report

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## MHC-Peptide Interaction Database

RRID:SCR\_007784

Type: Tool

### Proper Citation

MHC-Peptide Interaction Database (RRID:SCR\_007784)

### Resource Information

**URL:** <http://variome.bic.nus.edu.sg/mpidt/>

**Proper Citation:** MHC-Peptide Interaction Database (RRID:SCR\_007784)

**Description:** The MHC-Peptide Interaction Database version T (MPID-T) is a new generation database for sequence-structure-function information on T cell receptor/peptide/MHC interactions. It contains all structures of TcR/pMHC and pMHC complexes, with emphasis on the structural characterization of these complexes. MPID-T will facilitate the development of algorithms to predict whether a peptide sequence will bind to a specific MHC allele. The database has been populated with the data from the Protein Data Bank(PDB). The data from the PDB is manually verified and classified, after which each structure is analysed for atomic interactions relevant to MHC-Peptide complex.

**Synonyms:** MPID-T

**Resource Type:** database, data or information resource

**Resource Name:** MHC-Peptide Interaction Database

**Resource ID:** SCR\_007784

**Alternate IDs:** nif-0000-03122

**Record Creation Time:** 20220129T080243+0000

**Record Last Update:** 20260725T191148+0000

### Ratings and Alerts

No rating or validation information has been found for MHC-Peptide Interaction Database.

No alerts have been found for MHC-Peptide Interaction Database.

### Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Harjanto S, et al. (2014) Clustering HLA class I superfamilies using structural interaction patterns. PloS one, 9(1), e86655.