Resource Summary Report

Generated by RRID on Aug 5, 2026

dbMHC

RRID:SCR_002302
Type: Tool

Proper Citation

dbMHC (RRID:SCR_002302)

Resource Information

URL: https://ftp.ncbi.nlm.nih.gov/pub/mhc/mhc/Final%20Archive/

Proper Citation: dbMHC (RRID:SCR_002302)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on August 23, 2019 Database was open, publicly accessible platform for DNA and clinical data related to human Major Histocompatibility Complex (MHC). Data from IHWG workshops were provided as well., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: dbMHC

Synonyms: Major Histocompatibility Complex Database

Resource Type: storage service resource, data repository, service resource, database, data or information resource

Defining Citation: PMID:14705985

Keywords: human leukocyte antigen, microsatellite, dna, clinical, major histocompatibility complex, primer, probe, sequence, allele, haplotype, sequence, histocompatibility, leucocyte, alignment

Availability: Free, Available for download, Freely available

Resource Name: dbMHC

Resource ID: SCR_002302

Alternate IDs: nif-0000-02729, r3d100010881

Alternate URLs: https://doi.org/10.17616/R37W4F

Old URLs: http://www.ncbi.nlm.nih.gov/gv/mhc/main.cgi?cmd=init

Record Creation Time: 20220129T080212+0000

Record Last Update: 20260805T044037+0000

Ratings and Alerts

No rating or validation information has been found for dbMHC.

No alerts have been found for dbMHC.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Lage DP, et al. (2022) Recombinant guanosine-5'-triphosphate (GTP)-binding protein associated with Poloxamer 407-based polymeric micelles protects against Leishmania infantum infection. Cytokine, 153, 155865.

Gupta S, et al. (2022) Genome-wide mutational analysis of Chikungunya strains from 2016 to 2017 outbreak of central India: An attempt to elucidate the immunological basis for outbreak. Heliyon, 8(11), e11400.

Somogyi E, et al. (2021) A Peptide Vaccine Candidate Tailored to Individuals' Genetics Mimics the Multi-Targeted T Cell Immunity of COVID-19 Convalescent Subjects. Frontiers in genetics, 12, 684152.

Arnocky S, et al. (2021) Heterozygosity of the major histocompatibility complex predicts later self-reported pubertal maturation in men. Scientific reports, 11(1), 19862.

Grifoni A, et al. (2019) Characterization of Magnitude and Antigen Specificity of HLA-DP, DQ, and DRB3/4/5 Restricted DENV-Specific CD4+ T Cell Responses. Frontiers in immunology, 10, 1568.

Brandt DYC, et al. (2018) The Effect of Balancing Selection on Population Differentiation: A Study with HLA Genes. G3 (Bethesda, Md.), 8(8), 2805.

Jabrocka-Hybel A, et al. (2018) How much of the predisposition to Hashimoto's thyroiditis can be explained based on previously reported associations? Journal of endocrinological investigation, 41(12), 1409.

Oliveira MP, et al. (2018) Small Myristoylated Protein-3, Identified as a Potential Virulence Factor in Leishmania amazonensis, Proves to be a Protective Antigen against Visceral Leishmaniasis. International journal of molecular sciences, 19(1).

Zheng J, et al. (2018) Analysis of epitope-based vaccine candidates against the E antigen of the hepatitis B virus based on the B genotype sequence: An in silico and in vitro approach. Cellular immunology, 329, 56.

Llanes A, et al. (2018) ViannaTopes: a database of predicted immunogenic peptides for Leishmania (Viannia) species. Database : the journal of biological databases and curation, 2018.

Kiyotani K, et al. (2017) Comparison of exome-based HLA class I genotyping tools: identification of platform-specific genotyping errors. Journal of human genetics, 62(3), 397.

Grifoni A, et al. (2017) Global Assessment of Dengue Virus-Specific CD4+ T Cell Responses in Dengue-Endemic Areas. Frontiers in immunology, 8, 1309.

Lai J, et al. (2017) TCR-like antibodies mediate complement and antibody-dependent cellular cytotoxicity against Epstein-Barr virus-transformed B lymphoblastoid cells expressing different HLA-A*02 microvariants. Scientific reports, 7(1), 9923.

Sidney J, et al. (2017) Citrullination only infrequently impacts peptide binding to HLA class II MHC. PloS one, 12(5), e0177140.

Singh SP, et al. (2015) Genome-Wide Prediction of Vaccine Candidates for Leishmania major: An Integrated Approach. Journal of tropical medicine, 2015, 709216.

Szolek A, et al. (2014) OptiType: precision HLA typing from next-generation sequencing data. Bioinformatics (Oxford, England), 30(23), 3310.

de Groot N, et al. (2014) Differential recombination dynamics within the MHC of macaque species. Immunogenetics, 66(9-10), 535.

Khan MK, et al. (2014) In silico predicted mycobacterial epitope elicits in vitro T-cell responses. Molecular immunology, 61(1), 16.

Alfirevic A, et al. (2012) In silico analysis of HLA associations with drug-induced liver injury: use of a HLA-genotyped DNA archive from healthy volunteers. Genome medicine, 4(6), 51.

Tse KP, et al. (2009) Genome-wide association study reveals multiple nasopharyngeal carcinoma-associated loci within the HLA region at chromosome 6p21.3. American journal of human genetics, 85(2), 194.