

Resource Summary Report

Generated by [NIF](#) on Apr 8, 2025

Hlstome: The Histone Infobase

RRID:SCR_006972

Type: Tool

Proper Citation

Hlstome: The Histone Infobase (RRID:SCR_006972)

Resource Information

URL: <http://www.iiserpune.ac.in/~coee/hlstome/>

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Description: Database of human histone variants, sites of their post-translational modifications and various histone modifying enzymes. The database covers 5 types of histones, 8 types of their post-translational modifications and 13 classes of modifying enzymes. Many data fields are hyperlinked to other databases (e.g. UnprotKB/Swiss-Prot, HGNC, OMIM, Unigene etc.). Additionally, this database also provides sequences of promoter regions (-700 TSS +300) for all gene entries. These sequences were extracted from the UCSC genome browser. Sites of post-translational modifications of histones were manually searched from PubMed listed literature. Current version contains information for about ~50 histone proteins and ~150 histone modifying enzymes. Hlstome is a combined effort of researchers from two institutions, Advanced Center for Treatment, Research and Education in Cancer (ACTREC), Navi Mumbai and Center of Excellence in Epigenetics (CoEE), Indian Institute of Science Education and Research (IISER), Pune.

Abbreviations: Hlstome

Resource Type: data or information resource, database

Defining Citation: [PMID:22140112](#)

Keywords: histone, protein, enzyme, modifying enzyme, post-translational modification, variant, promoter region, gene, epigenetic regulation, india, bio.tools

Related Condition: Cancer

Funding: ACTREuropean Union - Advanced Centre for Treatment Research and Education in Cancer ;

Government of India

Availability: Free, Public, Acknowledgement requested

Resource Name: Hlstome: The Histone Infobase

Resource ID: SCR_006972

Alternate IDs: biotools:histome, nlx_151419

Alternate URLs: <http://www.actrec.gov.in/histome/>, <https://bio.tools/histome>

Old URLs: <http://www.histome.net/>

Record Creation Time: 20220129T080239+0000

Record Last Update: 20250404T060542+0000

Ratings and Alerts

No rating or validation information has been found for Hlstome: The Histone Infobase.

No alerts have been found for Hlstome: The Histone Infobase.

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 [NIF](#).

Nardelli SC, et al. (2013) The histone code of *Toxoplasma gondii* comprises conserved and unique posttranslational modifications. *mBio*, 4(6), e00922.