Resource Summary Report

Generated by NIF on May 24, 2025

Database of Human Hemoglobin Variants and Thalassemias

RRID:SCR_007084
Type: Tool

Proper Citation

Database of Human Hemoglobin Variants and Thalassemias (RRID:SCR_007084)

Resource Information

URL: http://globin.cse.psu.edu/globin/hbvar

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Description: HbVar is a relational database of information about hemoglobin variants and mutations that cause thalassemia. The initial data came from Syllabi authored by Prof. Titus H.J. Huisman, Mrs. Marianne F.H. Carver, Dr. Erol Baysal, and Prof. Georgi D. Efremov. This information was converted to a database, and now new entries are added and old entries are corrected by curators. HbVar results from a collaboration among several investigators at Penn State University (USA), INSERM Creteil (France), and Boston University Medical Center (USA). Visit our query page or summary page to see the types of information available.

Synonyms: HbVar

Resource Type: data or information resource, database

Keywords: hemoglobin, hemoglobin mutation, hemoglobin variant, thalassemia

Funding:

Resource Name: Database of Human Hemoglobin Variants and Thalassemias

Resource ID: SCR_007084

Alternate IDs: nif-0000-02942

Record Creation Time: 20220129T080239+0000

Record Last Update: 20250523T054608+0000

Ratings and Alerts

No rating or validation information has been found for Database of Human Hemoglobin Variants and Thalassemias.

No alerts have been found for Database of Human Hemoglobin Variants and Thalassemias.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Qadah T, et al. (2019) Computational Analysis of Protein Structure Changes as a Result of Nondeletion Insertion Mutations in Human ?-Globin Gene Suggests Possible Cause of ?-Thalassemia. BioMed research international, 2019, 9210841.

Warghade S, et al. (2018) Prevalence of hemoglobin variants and hemoglobinopathies using cation-exchange high-performance liquid chromatography in central reference laboratory of India: A report of 65779 cases. Journal of laboratory physicians, 10(1), 73.

Sürün D, et al. (2018) High Efficiency Gene Correction in Hematopoietic Cells by Donor-Template-Free CRISPR/Cas9 Genome Editing. Molecular therapy. Nucleic acids, 10, 1.

Domingues-Hamdi E, et al. (2014) Role of ?-globin H helix in the building of tetrameric human hemoglobin: interaction with ?-hemoglobin stabilizing protein (AHSP) and heme molecule. PloS one, 9(11), e111395.

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.