Resource Summary Report

Generated by NIF on May 20, 2025

HmtVar

RRID:SCR_017288
Type: Tool

Proper Citation

HmtVar (RRID:SCR_017288)

Resource Information

URL: https://www.hmtvar.uniba.it

Proper Citation: HmtVar (RRID:SCR_017288)

Description: Manually curated database offering variability and pathogenicity information about mtDNA variants. Human mitochondrial variants data of healthy and diseased subjects.Data and text mining pipeline to annotate human mitochondrial variants with functional and clinical information.

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

Defining Citation: PMID:30371888, PMID:31821723

Keywords: manually, curated, data, variability, mitochondria, pathogenicity, mtDNA, variant, human, bio.tools

Funding: Rosa Maria Massari fellowship from the Italian Association for Cancer Research ;
DHOMOS Worldwide Cancer Research ;
DISCO TRIP ;
Italian Ministry of Health

Availability: Free, Freely available

Resource Name: HmtVar

Resource ID: SCR_017288

Alternate IDs: biotools:HmtVar

Alternate URLs: https://bio.tools/HmtVar

Record Creation Time: 20220129T080334+0000

Record Last Update: 20250519T204831+0000

Ratings and Alerts

No rating or validation information has been found for HmtVar.

No alerts have been found for HmtVar.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Miglietta S, et al. (2022) MicroRNA and Metabolic Profiling of a Primary Ovarian Neuroendocrine Carcinoma Pulmonary-Type Reveals a High Degree of Similarity with Small Cell Lung Cancer. Non-coding RNA, 8(5).

Saha SK, et al. (2021) Evaluation of D-loop hypervariable region I variations, haplogroups and copy number of mitochondrial DNA in Bangladeshi population with type 2 diabetes. Heliyon, 7(7), e07573.

Atilano SR, et al. (2021) Low frequency mitochondrial DNA heteroplasmy SNPs in blood, retina, and [RPE+choroid] of age-related macular degeneration subjects. PloS one, 16(1), e0246114.

Girolimetti G, et al. (2021) Mitochondrial DNA analysis efficiently contributes to the identification of metastatic contralateral breast cancers. Journal of cancer research and clinical oncology, 147(2), 507.

Yuan H, et al. (2020) Profiling of mitochondrial genomes in SCA3/MJD patients from mainland China. Gene, 738, 144487.

Labory J, et al. (2020) Multi-Omics Approaches to Improve Mitochondrial Disease Diagnosis: Challenges, Advances, and Perspectives. Frontiers in molecular biosciences, 7, 590842.

Vitale O, et al. (2020) A data and text mining pipeline to annotate human mitochondrial variants with functional and clinical information. Molecular genetics & genomic medicine,

8(2), e1085.

Abedi S, et al. (2020) Differential effects of cisplatin on cybrid cells with varying mitochondrial DNA haplogroups. PeerJ, 8, e9908.

Patel TH, et al. (2019) European mtDNA Variants Are Associated With Differential Responses to Cisplatin, an Anticancer Drug: Implications for Drug Resistance and Side Effects. Frontiers in oncology, 9, 640.

Bris C, et al. (2018) Bioinformatics Tools and Databases to Assess the Pathogenicity of Mitochondrial DNA Variants in the Field of Next Generation Sequencing. Frontiers in genetics, 9, 632.