

# Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

## MitoDrome

RRID:SCR\_013474

Type: Tool

### Proper Citation

MitoDrome (RRID:SCR\_013474)

### Resource Information

**URL:** <http://mitodrome.ba.itb.cnr.it/>

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**Description:** It has been developed with the aim to annotate the complete set of *Drosophila melanogaster* nuclear genes encoding for mitochondrial proteins in order to contribute to their functional characterization. The data collected in MitoDrome derive from the comparison of Human mitochondrial proteins available in SWISSPROT vs. the *Drosophila* genome, ESTs and cDNA sequences available in the FlyBase database. According to the results, each *Drosophila* gene sharing significant homology with a human mitochondrial protein was classified as a putative *Drosophila* mitochondrial gene and annotated in MitoDrome.

**Synonyms:** MitoDrome

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

**Resource Name:** MitoDrome

**Resource ID:** SCR\_013474

**Alternate IDs:** nif-0000-03143

**Old URLs:** <http://www2.ba.itb.cnr.it/MitoDrome/>

**Record Creation Time:** 20220129T080316+0000

**Record Last Update:** 20260912T200212+0000

### Ratings and Alerts

No rating or validation information has been found for MitoDrome.

No alerts have been found for MitoDrome.

## 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 [SPARC SAWG](#) .

Thomas RE, et al. (2018) Glucocerebrosidase deficiency promotes protein aggregation through dysregulation of extracellular vesicles. PLoS genetics, 14(9), e1007694.

Mossman JA, et al. (2016) Mitochondrial-Nuclear Interactions Mediate Sex-Specific Transcriptional Profiles in Drosophila. Genetics, 204(2), 613.

Koevoets T, et al. (2012) Hybrid incompatibilities in the parasitic wasp genus Nasonia: negative effects of hemizygosity and the identification of transmission ratio distortion loci. Heredity, 108(3), 302.

de Castro IP, et al. (2010) Mitochondrial quality control and neurological disease: an emerging connection. Expert reviews in molecular medicine, 12, e12.

Gibson JD, et al. (2010) Contrasting patterns of selective constraints in nuclear-encoded genes of the oxidative phosphorylation pathway in holometabolous insects and their possible role in hybrid breakdown in Nasonia. Heredity, 104(3), 310.