## **Resource Summary Report**

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# **LepChorionDB**

RRID:SCR\_006222 Type: Tool

### **Proper Citation**

LepChorionDB (RRID:SCR\_006222)

#### **Resource Information**

URL: http://bioinformatics.biol.uoa.gr/LepChorionDB/

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**Description:** A relational database of Lepidoptera chorion proteins. The proteinaceous Lepidopteran chorions are used in our lab, as a model system towards unraveling the routes and rules of formation of natural protective amyloids. Therefore, we constructed LepChorionDB a relational database, containing all Lepidoptera chorion proteins identified to date. Lepidoptera chorion proteins can be classified in two major protein families, A and B. This classification was based on multiple sequence alignments of conserved key residues, in the central domain of, well characterized, silkmoth chorion proteins. These alignments were used to build Hidden Markov Models in order to search various DataBases. This work was a collaboration of the Department of Cell Biology and Biophysics, University of Athens and the Centre of Immunology & Transplantation Biomedical Research Foundation, Academy of Athens.

#### Abbreviations: LepChorionDB

**Synonyms:** Lepidoptera chorion protein database, LepChorionDB - Lepidoptera chorion protein database

**Resource Type:** database, service resource, data or information resource, production service resource, data analysis service, analysis service resource

Keywords: lepidoptera, chorion, protein, proteome, silkmoth, insect

**Funding:** 

Resource Name: LepChorionDB

Resource ID: SCR\_006222

Alternate IDs: nlx\_151769

Record Creation Time: 20220129T080235+0000

Record Last Update: 20250429T055038+0000

#### **Ratings and Alerts**

No rating or validation information has been found for LepChorionDB.

No alerts have been found for LepChorionDB.

Data and Source Information

Source: <u>SciCrunch Registry</u>

**Usage and Citation Metrics** 

We have not found any literature mentions for this resource.