

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, silkworm 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: analysis service resource, data analysis service, data or information resource, database, production service resource, service resource

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

Resource Name: LepChorionDB

Resource ID: SCR_006222

Alternate IDs: nlx_151769

Record Creation Time: 20220129T080235+0000

Record Last Update: 20260919T195106+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: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.