Resource Summary Report

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Proteome Database of Lactococcus lactis

RRID:SCR_007633
Type: Tool

Proper Citation

Proteome Database of Lactococcus lactis (RRID:SCR_007633)

Resource Information

URL: http://www.wzw.tum.de/proteomik/lactis/

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Description: It presents an advanced online database for dynamic access to proteomes and two-dimensional (2D) gels. The database was designed to administer complete in silico proteomes and links them with experimental proteomic data in the manner of 2D electrophoresis gels (IPG-Dalt). The 2D gels serve as reference maps in 2D gel analysis as well as tools for navigation of the database to switch between experimental and predicted data. Therefore, all identified spots in the gels are clickable and linked with summarized protein information. The protein information tables contain calculated characteristics, which are often used in proteomics, such as the molecular weight, isoelectric point, codon adaptation index, grand average of hydropathicity, etc. The design of the database permits online extension of gel data and protein attributes without knowledge of any software language. Besides navigation via 2D gels, the clear graphical user interface permits quick and intuitive searching throughout complete proteomes and supports, e.g. the search for proteins with isoelectric points within pH ranges of interest or protein classes (e.g. ribosomal proteins or transporters). The first organism implemented in the database is Lactococcus lactis.

Synonyms: DynaProt 2D

Resource Type: data or information resource, database

Resource Name: Proteome Database of Lactococcus lactis

Resource ID: SCR_007633

Alternate IDs: nif-0000-02776

Record Creation Time: 20220129T080242+0000

Record Last Update: 20260829T183004+0000

Ratings and Alerts

No rating or validation information has been found for Proteome Database of Lactococcus lactis.

No alerts have been found for Proteome Database of Lactococcus lactis.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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