

Resource Summary Report

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University of Illinois at Urbana-Champaign Roy J. Carver Biotechnology Center Proteomics Core Facility

RRID:SCR_025276

Type: Tool

Proper Citation

University of Illinois at Urbana-Champaign Roy J. Carver Biotechnology Center Proteomics Core Facility (RRID:SCR_025276)

Resource Information

URL: <https://biotech.illinois.edu/proteomics>

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Description: Core provides expertise in characterizing proteins from diverse systems. Provides proteomics services including customized sample preparation, protein identification, detection of post-translational modifications, isotopic label based and label-free quantitation, and intact protein characterization. Equipped with high resolution mass spectrometers with nanoflow liquid chromatography systems or chip-based robots. Core uses software systems such as Mascot, Proteome Discoverer, Byonic, and MaxQuant for analysis of raw mass spectrometry data. Provides assistance in protein quantitation and deeper downstream bioinformatics analysis including gene ontology, visualization of protein networks, and pathway analysis. Consultations are always welcome.

Synonyms: UIUC, Roy J. Carver Biotechnology Center, Proteomics Facility

Resource Type: access service resource, core facility, service resource

Keywords: ABRF, characterizing proteins, diverse systems, proteomics services, customized sample preparation, protein identification, post-translational modifications,

Funding:

Resource Name: University of Illinois at Urbana-Champaign Roy J. Carver Biotechnology Center Proteomics Core Facility

Resource ID: SCR_025276

Alternate IDs: ABRF_2729

Alternate URLs: <https://coremarketplace.org/?FacilityID=2729&citation=1>

Record Creation Time: 20240419T053248+0000

Record Last Update: 20250424T065830+0000

Ratings and Alerts

No rating or validation information has been found for University of Illinois at Urbana-Champaign Roy J. Carver Biotechnology Center Proteomics Core Facility.

No alerts have been found for University of Illinois at Urbana-Champaign Roy J. Carver Biotechnology Center Proteomics Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.