Resource Summary Report

Generated by NIF on Apr 21, 2025

piNET

RRID:SCR_018693
Type: Tool

Proper Citation

piNET (RRID:SCR_018693)

Resource Information

URL: http://pinet-server.org

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Description: Web platform for downstream analysis and visualization of proteomics data. Server that facilitates integrated annotation, analysis and visualization of quantitative proteomics data, with emphasis on PTM networks and integration with LINCS library of chemical and genetic perturbation signatures in order to provide further mechanistic and functional insights. Primary input for server consists of set of peptides or proteins, optionally with PTM sites, and their corresponding abundance values.

Resource Type: data access protocol, service resource, analysis service resource, web service, software resource, production service resource

Defining Citation: DOI:10.1093/nar/gkaa436

Keywords: Analysis, visualization, proteomics data, integrated annotation, quantitative proteomics data, PTM network, LINCS library integration, genetic perturbation signature, peptide, protein, post translational modification site, PTM site, data

Funding: NHLBI U54 HL127624;
NIEHS P30 ES006096;
NIMH R01 MH107487;
NCI T32 CA236764;
NCATS UL1 TR001425;
NIGMS U01 GM120953

Availability: Free, Freely available

Resource Name: piNET

Resource ID: SCR_018693

Record Creation Time: 20220129T080341+0000

Record Last Update: 20250421T054250+0000

Ratings and Alerts

No rating or validation information has been found for piNET.

No alerts have been found for piNET.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Yang L, et al. (2023) From single- to multi-omics: future research trends in medicinal plants. Briefings in bioinformatics, 24(1).

Liu X, et al. (2022) ExpressVis: a biologist-oriented interactive web server for exploring multi-omics data. Nucleic acids research, 50(W1), W312.

Dowling P, et al. (2020) Protocol for the Bottom-Up Proteomic Analysis of Mouse Spleen. STAR protocols, 1(3), 100196.

Shamsaei B, et al. (2020) piNET: a versatile web platform for downstream analysis and visualization of proteomics data. Nucleic acids research, 48(W1), W85.