

Resource Summary Report

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EpiProfile

RRID:SCR_028224

Type: Tool

Proper Citation

EpiProfile (RRID:SCR_028224)

Resource Information

URL: https://github.com/zfyuan/EpiProfile2.0_Family

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Description: Software tool for processing Epi-Proteomics mass spectrometry data. Discriminates isobaric histone peptides using distinguishing fragment ions in their tandem mass spectra and extracts the chromatographic area under the curve using previous knowledge about peptide retention time. Nanoflow liquid chromatography coupled with high resolution tandem mass spectrometry-based quantification tool for histone peptides, which can also be adapted to analyze nonhistone protein samples. EpiProfile 2.0 is extended version of v1.0 for enhanced quantification of histone peptides based on LC-MS/MS analysis.

Synonyms: EpiProfile 2.0

Resource Type: source code, software application, software resource

Defining Citation: [PMID:25805797](#), [PMID:29790754](#)

Keywords: LC-MS/MS analysis, peptide, quantification, histone, quantification of histone peptides, quantification of histone peptides based on LC-MS/MS analysis, mass spectrometry data,

Funding: NIGMS GM110174;
NIAID AI118891;
NCI CA196539;
UPenn Epigenetics Institute ;
NCATS TL1TR001880;
NIGMS T32GM008275

Availability: Free, Available for download, Freely available

Resource Name: EpiProfile

Resource ID: SCR_028224

License: GNU GPL v3

Record Creation Time: 20260402T060015+0000

Record Last Update: 20260815T183310+0000

Ratings and Alerts

No rating or validation information has been found for EpiProfile.

No alerts have been found for EpiProfile.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.