

# Resource Summary Report

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## pLabel

RRID:SCR\_002923

Type: Tool

### Proper Citation

pLabel (RRID:SCR\_002923)

### Resource Information

**URL:** <http://pfind.ict.ac.cn/software/pLabel/index.html>

**Proper Citation:** pLabel (RRID:SCR\_002923)

**Description:** Mass spectral peak labeling software developed for proteomics research.

**Resource Type:** software resource

**Keywords:** mass spectrometry, proteomics

**Funding:**

**Resource Name:** pLabel

**Resource ID:** SCR\_002923

**Alternate IDs:** OMICS\_02469

**Record Creation Time:** 20220129T080216+0000

**Record Last Update:** 20250420T014130+0000

### Ratings and Alerts

No rating or validation information has been found for pLabel.

No alerts have been found for pLabel.

### Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 23 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#).

Ku? K, et al. (2025) DSIF factor Spt5 coordinates transcription, maturation and exoribonucleolysis of RNA polymerase II transcripts. *Nature communications*, 16(1), 10.

Zhang Y, et al. (2024) Redox-modulated SNX25 as a novel regulator of GPCR-G protein signaling from endosomes. *Redox biology*, 75, 103253.

Raj A, et al. (2024) PgxAxV: A tool for comprehensive evaluation of variant peptide quality in proteogenomics - catching the (un)usual suspects. *Computational and structural biotechnology journal*, 23, 711.

Yao G, et al. (2024) FBLN7 mediates vascular smooth muscle cell phenotype switching and vascular remodeling in hypertension. *Theranostics*, 14(19), 7569.

Liu Q, et al. (2023) A Two-Stage Screw Detection Framework for Automatic Disassembly Using a Reflection Feature Regression Model. *Micromachines*, 14(5).

Yan S, et al. (2023) Polo-like kinase 1 (PLK1) O-GlcNAcylation is essential for dividing mammalian cells and inhibits uterine carcinoma. *The Journal of biological chemistry*, 299(2), 102887.

Kanjana K, et al. (2023) Autoimmunity to synovial extracellular matrix proteins in patients with postinfectious Lyme arthritis. *The Journal of clinical investigation*, 133(17).

Wang D, et al. (2022) Probing strigolactone perception mechanisms with rationally designed small-molecule agonists stimulating germination of root parasitic weeds. *Nature communications*, 13(1), 3987.

Vermeulen R, et al. (2022) Unusual Class I Lanthipeptides from the Marine Bacteria Thalassomonas viridans. *ACS synthetic biology*, 11(11), 3608.

Pataskar A, et al. (2022) Tryptophan depletion results in tryptophan-to-phenylalanine substitutants. *Nature*, 603(7902), 721.

Zhang H, et al. (2022) The tRNA discriminator base defines the mutual orthogonality of two distinct pyrrolysyl-tRNA synthetase/tRNAPyl pairs in the same organism. *Nucleic acids research*, 50(8), 4601.

Prince JP, et al. (2021) Acyl carrier protein promotes MukBEF action in *Escherichia coli* chromosome organization-segregation. *Nature communications*, 12(1), 6721.

Ebrahimi-Nik H, et al. (2021) Reversion analysis reveals the *in vivo* immunogenicity of a poorly MHC I-binding cancer neoepitope. *Nature communications*, 12(1), 6423.

Li WJ, et al. (2021) Insulin signaling regulates longevity through protein phosphorylation in *Caenorhabditis elegans*. *Nature communications*, 12(1), 4568.

Chong C, et al. (2020) Integrated proteogenomic deep sequencing and analytics accurately identify non-canonical peptides in tumor immunopeptidomes. *Nature communications*, 11(1), 1293.

Ebrahimi-Nik H, et al. (2019) Mass spectrometry driven exploration reveals nuances of neoepitope-driven tumor rejection. *JCI insight*, 5(14).

Liu H, et al. (2019) Phycobilisomes Harbor FNRL in Cyanobacteria. *mBio*, 10(2).

Peng B, et al. (2017) Phosphorylation of LSD1 by PLK1 promotes its chromatin release during mitosis. *Cell & bioscience*, 7, 15.

Ma X, et al. (2017) Pol? O-GlcNAcylation governs genome integrity during translesion DNA synthesis. *Nature communications*, 8(1), 1941.

Gorasia DG, et al. (2016) Structural Insights into the PorK and PorN Components of the *Porphyromonas gingivalis* Type IX Secretion System. *PLoS pathogens*, 12(8), e1005820.