

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 3, 2026

[pNovo+](#)

RRID:SCR_002860

Type: Tool

Proper Citation

pNovo+ (RRID:SCR_002860)

Resource Information

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

Proper Citation: pNovo+ (RRID:SCR_002860)

Description: A de novo peptide sequencing algorithm using complementary higher-energy collisional dissociation (HCD) and electron transfer dissociation (ETD) tandem mass spectra.

Resource Type: software resource

Defining Citation: [PMID:23272783](#)

Keywords: mass spectrometry, proteomics, bio.tools

Availability: Free, Freely available

Resource Name: pNovo+

Resource ID: SCR_002860

Alternate IDs: biotools.pNovo_3, OMICS_02470

Alternate URLs: https://bio.tools/pNovo_3

Record Creation Time: 20220129T080215+0000

Record Last Update: 20260801T190157+0000

Ratings and Alerts

No rating or validation information has been found for pNovo+.

No alerts have been found for pNovo+.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Park J, et al. (2023) Frequency of peripheral PD-1+regulatory T cells is associated with treatment responses to PARP inhibitor maintenance in patients with epithelial ovarian cancer. British journal of cancer, 129(11), 1841.

Pan N, et al. (2021) Mapping Microproteins and ncRNA-Encoded Polypeptides in Different Mouse Tissues. Frontiers in cell and developmental biology, 9, 687748.

Wang B, et al. (2021) Improved Identification of Small Open Reading Frames Encoded Peptides by Top-Down Proteomic Approaches and De Novo Sequencing. International journal of molecular sciences, 22(11).

Blank-Landeshammer B, et al. (2019) Combination of Proteogenomics with Peptide De Novo Sequencing Identifies New Genes and Hidden Posttranscriptional Modifications. mBio, 10(5).

Sun J, et al. (2018) IgM antibodies against phosphorylcholine promote polarization of T regulatory cells from patients with atherosclerotic plaques, systemic lupus erythematosus and healthy donors. Atherosclerosis, 268, 36.

Thiagarajan D, et al. (2016) Human IgM Antibodies to Malondialdehyde Conjugated With Albumin Are Negatively Associated With Cardiovascular Disease Among 60-Year-Olds. Journal of the American Heart Association, 5(12).

Gorshkov V, et al. (2016) Peptide de novo sequencing of mixture tandem mass spectra. Proteomics, 16(18), 2470.