

# Resource Summary Report

Generated by [NIF](#) on Aug 9, 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](https://bio.tools/pNovo_3)

**Record Creation Time:** 20220129T080215+0000

**Record Last Update:** 20260808T185747+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 8 mentions in open access literature.

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

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).

Yang H, et al. (2019) pNovo 3: precise de novo peptide sequencing using a learning-to-rank framework. *Bioinformatics (Oxford, England)*, 35(14), i183.

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.