

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 17, 2026

DeNovoGUI

RRID:SCR_012074

Type: Tool

Proper Citation

DeNovoGUI (RRID:SCR_012074)

Resource Information

URL: <https://code.google.com/p/denovogui/>

Proper Citation: DeNovoGUI (RRID:SCR_012074)

Description: Software providing a user-friendly and lightweight graphical user interface for running parallelized versions of the freely available de novo sequencing software PepNovo+, greatly simplifying the use of de novo sequencing in proteomics.

Resource Type: software resource

Defining Citation: [PMID:24295440](#)

Availability: Apache License

Resource Name: DeNovoGUI

Resource ID: SCR_012074

Alternate IDs: OMICS_04546

Record Creation Time: 20220129T080308+0000

Record Last Update: 20260912T195744+0000

Ratings and Alerts

No rating or validation information has been found for DeNovoGUI.

No alerts have been found for DeNovoGUI.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Hollfoth V, et al. (2025) Accurate MS-Based Diagnostic Amyloid Typing Using Endogenously Normalized Protein Intensities in Formalin-Fixed Paraffin-Embedded Tissue. *Molecular & cellular proteomics : MCP*, 24(8), 101040.

Beslic D, et al. (2023) Comprehensive evaluation of peptide de novo sequencing tools for monoclonal antibody assembly. *Briefings in bioinformatics*, 24(1).

Chernukha I, et al. (2021) Bioactive Compounds of Porcine Hearts and Aortas May Improve Cardiovascular Disorders in Humans. *International journal of environmental research and public health*, 18(14).

Kocáb O, et al. (2020) Jasmonate-independent regulation of digestive enzyme activity in the carnivorous butterwort *Pinguicula × Tina*. *Journal of experimental botany*, 71(12), 3749.

Manuwar A, et al. (2020) Proteomic Investigations of Two Pakistani Naja Snake Venoms Species Unravel the Venom Complexity, Posttranslational Modifications, and Presence of Extracellular Vesicles. *Toxins*, 12(11).

Matsunaga S, et al. (2020) Pectenovarin, A New Ovarian Carotenoprotein from Japanese Scallop *Mizuhopecten yessoensis*. *Molecules (Basel, Switzerland)*, 25(13).

Kawase O, et al. (2018) Detection of sperm-reactive antibodies in wild sika deer and identification of the sperm antigens. *The Journal of veterinary medical science*, 80(5), 802.

Uranga CC, et al. (2017) Novel proteins from proteomic analysis of the trunk disease fungus *Lasiodiplodia theobromae* (Botryosphaeriaceae). *Biochimie open*, 4, 88.

Zhang B, et al. (2017) Covariation of Peptide Abundances Accurately Reflects Protein Concentration Differences. *Molecular & cellular proteomics : MCP*, 16(5), 936.

Pascual J, et al. (2016) The variations in the nuclear proteome reveal new transcription factors and mechanisms involved in UV stress response in *Pinus radiata*. *Journal of proteomics*, 143, 390.

Petras D, et al. (2016) Top-down venomomics of the East African green mamba, *Dendroaspis angusticeps*, and the black mamba, *Dendroaspis polylepis*, highlight the complexity of their toxin arsenals. *Journal of proteomics*, 146, 148.