Resource Summary Report

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MultiLoc

RRID:SCR_003151
Type: Tool

Proper Citation

MultiLoc (RRID:SCR_003151)

Resource Information

URL: http://abi.inf.uni-tuebingen.de/Services/MultiLoc2

Proper Citation: MultiLoc (RRID:SCR_003151)

Description: An extensive high-performance subcellular protein localization prediction system that incorporates phylogenetic profiles and Gene Ontology terms to yield higher accuracies compared to its previous version. Moreover, it outperforms other prediction systems in two benchmarks studies. A downloadable version of MultiLoc2 for local use is also available.

Abbreviations: MultiLoc

Resource Type: analysis service resource, data analysis service, production service resource, service resource, software resource

Defining Citation: PMID:19723330

Keywords: subcellular localization, protein, bio.tools

Funding:

Availability: Free

Resource Name: MultiLoc

Resource ID: SCR_003151

Alternate IDs: OMICS_01628, biotools:multiloc2

Alternate URLs: https://bio.tools/multiloc2

Record Creation Time: 20220129T080217+0000

Record Last Update: 20250407T215342+0000

Ratings and Alerts

No rating or validation information has been found for MultiLoc.

No alerts have been found for MultiLoc.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 39 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Chen W, et al. (2024) Straight intramedullary MultiLoc nails for displaced proximal humeral fractures: health status, radiographic results, clinical outcome, and complications. BMC musculoskeletal disorders, 25(1), 531.

Henssler L, et al. (2024) Intramedullary nailing of proximal humerus fractures does not achieve superior functional results to non-operative treatment in the long term. Archives of orthopaedic and trauma surgery, 144(8), 3449.

Jia YQ, et al. (2022) Characterization of chicken IFI35 and its antiviral activity against Newcastle disease virus. The Journal of veterinary medical science, 84(3), 473.

Bu G, et al. (2021) MutiLoc Nail Versus Philos Plate in Treating Proximal Humeral Fractures: A Retrospective Study Among the Alderly. Geriatric orthopaedic surgery & rehabilitation, 12, 21514593211043961.

Yeh KL, et al. (2021) Radial nerve recovery following closed nailing of humeral shaft fractures without radial nerve exploration: A retrospective study. World journal of clinical cases, 9(27), 8044.

Madhuranga WSP, et al. (2021) Immune responses, subcellular localization, and antiviral activity of interferon-induced protein 35 (IFP35) in rock bream (Oplegnathus fasciatus). Developmental and comparative immunology, 123, 104142.

Jia Z, et al. (2020) Clinical effect of using MultiLoc® nails to treat four-part proximal humeral

fractures. The Journal of international medical research, 48(12), 300060520979212.

Monu , et al. (2020) Plasma Proteome Profiling of Coronary Artery Disease Patients: Downregulation of Transthyretin-An Important Event. Mediators of inflammation, 2020, 3429541.

Wang J, et al. (2019) Genome-Wide Identification and Functional Characterization of the Phosphate Transporter Gene Family in Sorghum. Biomolecules, 9(11).

Fávero Peixoto-Junior R, et al. (2018) Overexpression of ScMYBAS1 alternative splicing transcripts differentially impacts biomass accumulation and drought tolerance in rice transgenic plants. PloS one, 13(12), e0207534.

Avwioroko OJ, et al. (2018) Isolation, identification and in silico analysis of alpha-amylase gene of Aspergillus niger strain CSA35 obtained from cassava undergoing spoilage. Biochemistry and biophysics reports, 14, 35.

Liu M, et al. (2018) Genome-Wide Identification and Characterization of NODULE-INCEPTION-Like Protein (NLP) Family Genes in Brassica napus. International journal of molecular sciences, 19(8).

Azad AK, et al. (2018) Prediction of arsenic and antimony transporter major intrinsic proteins from the genomes of crop plants. International journal of biological macromolecules, 107(Pt B), 2630.

Zhu J, et al. (2018) Characterization and Alternative Splicing Profiles of the Lipoxygenase Gene Family in Tea Plant (Camellia sinensis). Plant & cell physiology, 59(9), 1765.

Raboanatahiry N, et al. (2018) Functional and Structural Diversity of Acyl-coA Binding Proteins in Oil Crops. Frontiers in genetics, 9, 182.

Zuma B, et al. (2018) Prolonged Expression of a Putative Invertase Inhibitor in Micropylar Endosperm Suppressed Embryo Growth in Arabidopsis. Frontiers in plant science, 9, 61.

Di Falco F, et al. (2017) Molecular characterisation, evolution and expression analysis of g-type lysozymes in Ciona intestinalis. Developmental and comparative immunology, 67, 457.

Verma AK, et al. (2017) Evolutionary Conservation and Emerging Functional Diversity of the Cytosolic Hsp70:J Protein Chaperone Network of Arabidopsis thaliana. G3 (Bethesda, Md.), 7(6), 1941.

Fan Y, et al. (2017) Genome-Wide Identification, Evolutionary and Expression Analyses of the GALACTINOL SYNTHASE Gene Family in Rapeseed and Tobacco. International journal of molecular sciences, 18(12).

Bentley SJ, et al. (2017) Hsp70/J-protein machinery from Glossina morsitans morsitans, vector of African trypanosomiasis. PloS one, 12(9), e0183858.